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American Railroad Journal.

New York, Saturday, April 26, 1879.

Rapid Transit Rock Drill.

The Rock Drill in its various shapes is one of the most useful of the instruments employed in all engineering operations in which deep perforations of the earth have to be made.

By its assistance oil wells have been sunk, producing a vast yearly income to the country, and springs of water a thousand feet beneath the surface have been tapped, bringing fertility to sandy deserts and enabling the miner to separate the gold from the sandy soil where otherwise his labor would have been in vain.

But while the usefulness of this invaluable assistant in mining and agricultural enterprises has never been contested or supplemented by any other plan, it is remarkable that until the present moment, no improvement has been made in the general construction of the machine by which the steel rods and other drilling apparatus are operated.

The force of this remark will be evident to any one who has visited the great oil regions of Pennsylvania. There he will see tens of thousands of lofty derricks in whose construction millions of feet of lumber have been employed, rotting over the empty wells and the dry holes, to pierce which they were erected.

This necessity of building an expensive and immovable derrick over every place that has to be bored, adds so much to the cost of exploring for water or oil that rich petroleum districts still remain untouched and immense placier deposits of gold lie unworked waiting for the time when the water flowing beneath the rock can be reached without a ruinous cost.

The ingenious inventor of the Rapid Transit Rock Drill was led by his personal knowledge of the wastefulness and faulty methods of the old rig and of the direction in which practical improvement was most required, to devise the derrick and drill which is now becoming so popular under the above name and of which Mr. Julius Wehl, of 51 Exchange Place, is the general agent in this city.

The inventor, availing himself of the method of multiplying parts, now so well known in connection with the Springfield Rifle, the Enfield Rifle, Colt's Revolver and other fire arms, builds his derrick in sections, each part and piece accurately fitted and adjusted so that it can be put up and taken down again in an incredibly short time. It is so arranged that when taken down and packed up it occupies a remarkably small space and can be readily transported from place to place. Should any one part be broken or lost a duplicate can be immediately obtained.

The saving effected of time, labor and lumber by this arrangement, is manifest. In no other place will it be more conspicuous than in the sandy deserts of Arizona, where not a stick of timber grows on thousands of square miles and vast quantities of the precious metals remain untouched for want of the water to work them. This water can be obtained in abundance at a small cost by the use of the Rapid Transit Drill and one machine vigorously worked is enough to make a whole district fruitful by being removed from place to place.

We predict a great demand for this valuable invention as soon as it is more generally known. There is a vast field for its use in New Mexico as well as in Arizona, and the numerous railroads now being constructed there will derive immense benefit by adopting it.

The Oil Trade.

Stowell's Reporter for April says that there were more wells drilling at the close of the month of March in the oil regions than in any corresponding month since 1870; that more wells were completed during the month than in any month since November, 1878; that the daily average production of the new wells was larger than in any previous month of which we have a record; that the number of rigs erected and being erected at the close of the month exceeds that of any previous month; that the amount of crude produced in the month was larger than in any previous month since the commencement of the business; that the amount of stock in the producing region exceeds the number ever before held; that the shipments out of the region was larger than in any corresponding month in the past; that the price of crude at the wells ruled lower than in any corresponding month since 1862, etc., etc., and then adds:

The daily average production for the month of March, 1879, was 47,615 barrels, against 38,980 barrels for March, 1878, which is an increase of 8,635 barrels, or about 22 per cent, to which add 9.4 per cent produced in 1878 more than was needed for the export and home trades, and we have an increase of about 31 4 per cent in production to be provided for. The exports from the United States from January 1, 1879, to April 4, 1879, was about eighteen per cent more than was exported in the same time in 1878. Should the present rate of twenty-two per cent increase in production be kept up through the year, which it now bids fair to do, and the present rate of eighteen per cent increase in exports maintained, we will have at the close of 1879 an overwhelming amount of stock on hand, except new markets shall be found, which will increase the export de-

mands; or new uses, which will increase the home trade.

The number of producing wells at the close of March was 10,692, being an increase of 110 during the month. During the month 388 drilling wells were completed, against 132 in February. The number of drilling wells was 406, an increase of 88 over February, while there was an increase of 72 rigs over the 453 in February. There were 22 dry holes in March, an increase of six over the preceding month.

The total production in March was 1,476,065 barrels, a total daily average increase in the month of March of 4,850 barrels. The shipments aggregated 973,879, of which Pittsburgh took but 78,704 barrels. Included in this aggregate of shipments were 39,489 barrels of refined from Titusville and Oil City, equal to 59,233 barrels of crude. The stock on hand aggregated 6,294,949, an increase during the month of 502,186 barrels.

Atlanta and Charlotte Air Line Railway.

The earnings of this road for the year ending December 31, 1878, were:

From passengers		$210,386 12
" freight		362,218 08
" mail		36,385 23
" express		15,041 21
" other sources		5,297 56
		$629,278 20
Expenses, viz:		
Conducting transp	$128,736 40	
Motive power	112,402 56	
Maintenance of cars	29,976 29	
Maintenance of way	122,283 09	
General expenses	33,840 07	
		427,238 21
Net earnings		$202,039 99
From which deduct:		
Extraordinary repairs to roadbed	$69,749 01	
Steel rails	46,919 70	
Taxes	5,828 14	
Atlanta and Richmond Railway accounts	996 92	
Interest on preferred bonds	34,125 00	
Debit balance of Income account January 1, 1878	9,578 62	
		167,197 39
Leaving a balance of		$34,842 60

A comparison between the earnings of 1877 and 1878 shows an increase in 1878 of $50,274 52; and a comparison of the operating expenses of eight and a half months of 1877—during which the road was operated by the company—with the same eight and a half months of 1878 shows a decrease in expenses in 1878, of $24,302 95. The Report says:

Under the head of extraordinary repairs to roadbed is included the cost of filling the following trestles, viz: North Broad, Young's, Mason's, Mauldin's, Prince's Creek, and several smaller ones, where the former drains or small culverts had been washed out by high water, and the partial filling of Richland, Conoross and Seneca River trestles, amounting in all to 3,272 feet, or three fifths of a mile of lateral filling, and costing in all $36,589 95; also, the cost of adding arches to give increased strength to the following bridges, viz: Tugalo, three spans, 450 feet; Thicketty, three spans, 500 feet; Broad River, four spans, 600 feet; South Fork, two spans, 300 feet; and Catawpa, three spans, 450 feet; amounting in all to 2,300 feet, at a cost of $11,497 98; and of stone ballast, masonry, regrading, and in the erection of several new depot buildings, division houses, and wood and water stations, amounting in the aggregate to $20,661 08.

These outlays, while not necessary to the bare maintenance of the property in the condition in which it was found January 1st, 1878, and therefore not reported under the head of expenses of maintenance of way for 1878, were considered by your board to be dictated by the best reasons of prudence and economy. They deem the process of filling in trestles as carried on during the past year at points demanding immediate attention as all important to the successful operation of the road; and earnestly recommend that a policy of gradually doing away with all the trestles on the road be pursued, until they be replaced by substantial earthwork and stone culverts, and thereby the risk of accident be reduced to a minimum, and the heavy annual outlay for repairs to the present wooden structures be entirely arrested.

The increase of $50,000 in the gross earnings is very encouraging in view of the fact that a large number of Southern roads report for 1878 a falling off of revenue, if not of tonnage, and in many cases of both revenue and tonnage.

A considerable share of the increase of earnings is from the increased number of passengers carried. Both the local and through passenger business of the road shows a healthy increase, and the line is believed to be rapidly growing in the popular favor and patronage. A larger summer travel than usual passed over the road during the past year to and from the many points of interest and attraction along its line; and all appearances indicate that the entire eastern slope of the Blue Ridge will in time become a vast pleasure ground, and be visited annually by great numbers in search of health and fine summer climate.

The completion of the Elberton Air Line Narrow Gauge Railroad from Elberton, the county seat of Elbert County in North Georgia, fifty miles to Toccoa on our line, has been accomplished. The new road was opened for business on its entire line on December 4th, and the result of its operations to the present time foreshadows a well earned success to the Elberton Company, and a large direct benefit to the Air Line Company. In consideration of the advantages to the Air Line Company to result from the building of the Elberton road, and the transfer to the Air Line company of one-half the capital stock of the Elberton Company, your board authorized a traffic contract to aid in securing the capital necessary to complete the road; whereby the Air Line Company agrees to receive 35 per cent of its earnings on business to and from the Elberton road in the bonds of the Elberton Company until the entire issue of $150,000 shall have been so taken up. The earnings obtained by the Air Line Company on business to and from the Elberton road up to the first of January amounted to $10,774 11; and it is confidently expected that the Elberton road will prove itself a reliable and extensive feeder to the Air Line.

It is much to be desired that provision could be made for the proper housing of the company's rolling stock when out of service, and for carrying on the repairs to the company's machinery and rolling stock under its own supervision, and at the lowest possible cost for labor and materials.

The company could also discontinue the payment of a considerable amount in rental now paid for the use of the Union Passenger Depot at Atlanta, by purchasing the interest in the depot set apart originally for the Air Line Company.

A proposition is now before the company to unite with the other roads running into Charlotte in the building of a union depot, for the accommodation and interchange of passengers at that point. It is obviously for the interest of this company to join in the movement which promises to effect a much desired union of the roads, and involves but slight comparative outlay to each company.

We believe that there is every reason to hope for an increase of earnings in 1879. The opening of the Elberton road and the development of various manufacturing interests and industries along the line, and the expected increase of summer travel, particularly if provision could be made, through the agency of the company, for the better accommodation of visitors at points along the line, are elements of growth which cannot fail to make themselves largely felt in the increase of our earnings. Our prospects for securing an increase of through passenger travel are every day growing brighter, and the advantages of the short and direct line to the south and southwest are being more generally acknowledged every day.

The length of road from Atlanta, Ga., to Charlotte, N. C, is 269 miles. The equipment consists of 23 locomotives, 8 first-class and 8 second-class passenger, 5 passenger and baggage, 3 mail and baggage, 3 express, 6 conductors' cabs, 264 box, 11 stock, 89 flat, 6 shanty, 1 derrick, and 1 officers' cars.

BALANCE SHEET, December 31, 1878.

Cost of railroad and property purchased from the Atlanta and Richmond Air Line bondholders' committee by the issue of—		
Capital stock		$1,700,000 00
First Mortgage bonds		4,250,000 00
		$5,950,000 00
Assessments refunded		100,102 56
Discount Pref. bonds		9,800 00
Right of way		4,000 00
Equipment		271,150 88
Construction, 1877		60,846 04
Construction, 1878		25,154 56
Kytle's trestle		17,499 00
Depot ground, Atlanta		3,500 00
Operating accounts:		
Income account, balance, 1877		9,578 62
Expenses, 1878		427,238 21
Taxes, 1878		5,828 14
Extraordinary repairs		116,666 81
Atlanta and Richmond Railway accounts		996 92
Preference bond coupons		34,125 00
Due from—		
U. S. Quartermaster		89 68
U. S. P. O. Department		9,252 41
Individuals		2,176 72
Connecting roads and agents		17 534 54
W. H. Fogg, trustee		3,770 92
Cash on hand:		
In Atlanta	$27,303 39	
In New York	1,997 96	
		29,301 35
		$7,098,612 36
Capital stock:		
17,000 shares, $100 each		$1,700,000 00
Funded debt:		
First Mortgage bonds		4,250,000 00
First Mortgage Preference bonds		500,000 00
Atlanta and Richmond bondholders' committee		12,952 64
Accrued interest on Pref. bonds		441 39
Earnings, 1878		629,278 20
Due to connecting roads and agents		5,940 13
		$7,098,612 36

President.—H. W. SIBLEY.

Directors.—Eugene Kelly, Alexander P. Irvin, Geo. Warren Smith, Abram S. Hewitt, William H. Fogg, P. P. Dickinson, Henry C. Hardy, Belden R. McAlpine, H. W. Sibley, New York; Hiram Sibley, Rochester, N. Y.; Frank P. Clark, Skipwith Wilmer, Baltimore.

Secretary and Treasurer.—C. H. PEIRCE.

General Manager.—G. J. FOREACRE.

☞ At a meeting of the stockholders of the New Haven and Northampton Railroad Company, held in New Haven, Conn., on the 15th inst., it was decided by a unanimous vote to accept the action of the General Assemblies of the States of Connecticut and Massachusetts, authorizing the company to issue bonds and secure them by a mortgage on its property. By the act of the two

Legislatures the bonds are limited in amount to $2,500,000. The object of their issuance is not to create any new indebtedness by the company, but to enable them to pay off existing indebtedness, to buy up outstanding bonds when they become due, and issue the new ones in their stead. The directors of the company are authorized to issue the new bonds.

American Railroads Abroad.

The fruits of the Centennial Exhibition are still being gathered. H. Bartels, the Engineer of the German Commission, has recently published his official report on American Railroads, in which he gives a valuable summary of what he saw and learned during his brief visit to this country. He was a watchful observer on the various excursions tendered our foreign visitors by the Pennsylvania Railroad, the Baltimore and Ohio Railroad, and the Philadelphia and Reading Railroad, and his knowledge and experience as an engineer and Inspector of German Railroads, enabled him to make good use of his time, and of the opportunities and facilities supplied by our railroad officials and their reports and publications. Mr. Bartels has already given the German public an interesting sketch of the organization of the Pennsylvania Railroad, which he very properly selected as the foremost type of what engineering skill had done in this country, and he also made and published a report on the branch lines and subsidiary railroads of that great system, thus showing how private enterprise has successfully effected that which the great centralized governments of France and Germany are still seeking for—the best means of developing all the resources of a region through which a main line of railroads takes its course. He is very frank in his statement that many important American railroad improvements and facilities cannot well be introduced into Germany, where the system of construction and management makes it very difficult to bring home a knowledge of other and better ways, and he contrasts this with the untiring energy with which American railroads try to secure the latest and best for their use from all countries.

His aim is to inspire his fellow workers in German railroads with something of the same spirit of inquiry and experiment, and not to suggest mere copying or imitation. He points to the independence of the American railroad engineers and officers, to the freedom with which they do their work, to the patriotic readiness with which they give visitors, like himself, the largest opportunity of studying the construction and management of their roads, and suggests that in these reports his experience teaches a lesson that might well and usefully be applied by his own employers and colleagues. The great difference between German and American railways lies mainly in the fact, that the former are largely under Government direction, and are intended to supply means of communication between old towns in a well settled country, while our great lines carry with them population, trade, and even civilization into regions almost unknown before, and thus the American railroads have received great advantages from the States and the United States, and, in spite of some recent hostile legislation, are still free from the limitations under which the railroads in European countries are content to do their work. American railroads mark the line of great towns and industrial establishments, and a German engineer may well express his surprise at the patience with which, even in some large cities, railroads are allowed to carry their great traffic at grade across streets filled with a busy working population whose every hour has a money value.

The situations of the railroad depots in American cities must strike every traveler, and Mr. Bartels shows that the differences which mark them from those in German towns, is largely due to the immense area of our principal railroad centres. New York has the same population as Berlin, but it covers twice as much ground, while Philadelphia is many times larger, and yet our railroad depots are easily reached, because, put them where you will, the town soon grows out to them, and the facilities for getting to and from them are supplied to an extent and in a manner quite unknown abroad. Mr. Bartels puts in strong terms his praise of the beautiful stations along the line of the Pennsylvania Railroad near this city; he shows that, even in the extreme West, with almost no money to spare, American ingenuity has supplied all the necessities for both freight and passengers, while he describes in detail all the appliances in use on our great lines and at their great entrepots. The Elevator at Girard Point, the coal wharves at Richmond, the oil yards at Harsimus Cove, and signals, lamps, headlights, brakes, switches, all the American railroad inventions in daily use are shown in careful drawings. The work is a valuable addition to the growing literature in which English, French and German experts have paid their tribute to American inventive genius, as applied to and exhibited in American railroads. The Centennial has done some of its best work in thus making known abroad the progress of American mechanical industry, and in bringing home to our own people a knowledge of the high estimate put upon appliances that are often seen without any real estimate of their value and their novelty.—*Phil'a. Ledger.*

Richmond and Allegheny Railroad.

At a meeting of the bondholders of the James River and Kanawha Canal Company, held in Richmond, Va., on the 17th inst., an agreement was entered into with the Richmond and Allegheny Railroad Company, and signed by all the first and second bondholders present, and by Gen. Thomas Ewing, of Ohio, as attorney for the Railroad Company, whereby the first mortgage bonds of the former company are to be surrendered to the latter at 70 cents on the dollar of principal, and 70 cents on the dollar of accrued interest. For the second mortgage bonds 30 cents on the dollar of principal, with four past due coupons attached to each bond as a delivery. For the first mortgage bonds of the Buchanan and Clifton Forge Railroad Co. the same price as for the mortgage bonds of the James River and Kanawha Canal Company. The railroad company will give notes payable at three years, bearing six per cent interest, payable semi-annually in advance, secured by pledges on the water power, rents and dockage receipts of the canal company.

New Line from Boston to New York.

The Boston Journal says that the New York and New England Railroad Company has been advertising for bids for the construction of a road from Waterbury to Brewsters, on the New York and Harlem Railroad, and then adds:

The proposals are all in and have been opened, and it is understood that the contract has been awarded, but to whom and at what price has not yet been ascertained. From Brewster's, the old road, known as the New York, Boston and Montreal Railroad, which it is now proposed to call the New York and Northern Railroad, will, it is said, build a line to New York, for which a contract has been awarded to Lewis Roberts of Tarrytown. If these lines are built the New York and New England Railroad can take freight on their road as far as Hartford, then transfer it over the New York, New Haven and Hartford Railroad, or continuing it over their own route as far as Brewsters, where two roads, the Harlem and the New York and Northern, will compete for its removal to New York. For years the New York New Haven and Hartford Railroad, being the only rail line coming into New England from New York, have enjoyed a monopoly of the freight. The result will be to lessen the rates to quite an extent and thus prove of great advantage to Boston shippers.

Pittsburg, Virginia and Charleston R. R.

At an adjourned meeting of the stockholders of the Pittsburg, Virginia and Charleston Railroad Company, held in Pittsburg, on the 17th inst., to provide means for the extension of the road from Monongahela City to Brownsville, a distance of 28 miles, and to arrange for a substitution of bonds at a less rate of interest, for the ones now outstanding, it was decided to cancel the bonds and mortgage now existing, and to issue new bonds at six per cent, instead of seven per cent interest, to be secured by a first mortgage on the property of the company. The directors were authorized to take all necessary steps toward the extension of the road.

At a subsequent meeting of the directors resolutions were passed pursuant to the authority given them by the stockholders. The road has been surveyed three times, from Monongahela City to the State line, and the company will probably be ready for proposals for the roadbed in a short time.

☞ The Pennsylvania and Virginia Iron and Coal Company has been incorporated in the Circuit Court of Augusta county, Va. The purpose of the company is to contract with other corporations or individuals for the construction of any works of improvement, whether of a public or private nature, to develop mines, to manufacture and work in iron, erect furnaces, forges, &c., and aid generally in utilizing the vast natural resources of Virginia.

☞ The Supreme Court of South Carolina has ordered a mandamus to issue compelling the State Treasurer to pay out of the funds now in the treasury the interest for 1879 on the recognized public debt of South Carolina. Payment has been hitherto withheld in obedience to an injunction obtained in the United States Court by holders of unrecognized bonds, the status of which is still in litigation.

☞ The stockholders of the Lowell and Lawrence Railroad Company have voted unanimously to sell their road and equipments to the Boston and Lowell Railroad Co. for $260,000, equivalent to $100 per share, provided the latter company assume all indebtedness; and the stockholders of the Salem and Lowell Railroad Co., with only four dissenting votes passed a similar resolve, except that the price is $60 826 25, or $25 per share.

☞ A narrow gauge railroad from Pittsburg to Chicago is gradually being constructed. The Pittsburg, New Castle and Lake Erie road is expected to reach Wurtemburg by June 1, and there are narrow gauge lines in Ohio and Indiana in progress which will connect with it and make up a continuous road to Chicago.

☞ The town of Norway, Me., has voted, 5 to 1, to take stock to the amount of $5,000 in the Norway Branch Railroad connecting with the Grand Trunk. Individual subscriptions to about the same amount insure the success of the enterprise.

☞ Out of 972,000 pieces of baggage carried over the Pennsylvania railroad lines during the year 1878, only one was lost.

RAILROAD EARNINGS—MONTHLY.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Atchison, Top. & San. Fe:													
1876	117,417	144,133	180,246	197,996	219,370	186,641	198,851	248,138	265,593	297,958	225,793	204,447	2,486,589
1877	134,864	136,350	189,130	200,681	189,915	185,731	187,142	255,572	281,414	342,832	335,678	246,778	2,679,106
1878	174,598	184,885	295,366	290,500	291,500	251,000	330,000	467,000	421,000	445,000	436,000	323,500	3,930,848
1879	315,985	382,989	532,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Burlington, Cedar Rapids and Northern:													
1877	73,964	68,094	73,194	72,435	71,605	69,357	73,309	113,625	194,226	171,533	138,995	129,554	1,249,880
1878	165,411	147,196	125,141	115,277	139,490	101,014	95,007	104,444	138,897	141,619	129,494	124,676	1,527,507
1879	117,362	97,277	111,924	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Central Pacific:													
1876	994,339	1,017,204	1,184,683	1,427,035	1,757,415	1,646,270	1,541,323	1,696,154	1,871,876	1,888,066	1,675,532	1,424,317	18,146,944
1877	1,170,615	945,171	1,245,373	1,438,659	1,554,652	1,484,232	1,391,867	1,362,000	1,441,293	1,806,382	1,855,774	1,354,882	17,050,976
1878	1,110,988	980,529	1,223,592	1,510,000	1,574,000	1,460,000	1,517,000	1,706,000	1,831,000	1,834,000	1,543,000	1,438,000	17,752,363
1879	1,020,758	1,070,759	1,289,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Chicago and Alton:													
1875	319,928	328,219	363,627	367,956	351,004	382,233	387,445	411,960	490,283	489,019	395,779	369,311	4,656,764
1876	305,597	346,850	355,527	364,000	423,645	451,083	403,671	510,795	524,244	532,868	367,898	374,351	4,960,529
1877	351,608	325,047	345,454	339,385	311,266	358,982	305,927	491,728	480,933	445,597	391,616	316,799	4,464,343
1878	301,073	300,187	357,297	335,999	349,883	359,457	433,473	563,379	443,525	486,921	399,378	340, 47	4,671,519
1879	341,075	312,311	344,375	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Chicago and Northwestern:													
1876	808,842	854,627	944,450	919,978	1,090,752	1,263,087	1,035,524	1,004,715	1,204,072	1,433,957	1,144,319	926,852	12,631,174
1877	730,603	722,367	812,080	867,603	940,978	928,885	934,888	1,141,310	1,559,368	1,471,214	1,403,728	1,006,930	12,793,602
1878	1,077,891	1,084,857	1,095,800	1,138,474	1,346,003	.....	.....	.....	1,315,796	1,566,858	1,236,412	1,114,555	14,528,653
1879	1,044,230	895,000	1,101,100	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Chicago, Burl. & Quincy													
1877	876,835	871,768	888,065	960,198	917,447	957,734	829,300	1,330,248	1,363,310	1,290,114	1,232,118	962,149	12,479,286
1878	1,045,467	911,150	1,169,831	1,118,736	1,275,516	897,090	946,427	1,632,207	1,382,123	1,368,349	1,296,082	1,070,525	14,113,503
1879	1,105,098	892,377	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Chicago, Mil. & St. Paul:													
1876	527,546	517,112	567,644	650,961	819,562	877,693	685,270	569,775	645,831	817,259	765,230	610,288	8,054,171
1877	375,554	403,882	468,570	514,783	607,141	588,223	555,610	677,050	1,178,999	1,183,134	892,027	669,921	8,114,894
1878	705,865	666,953	663,640	784,507	798,665	636,447	647,460	522,487	676,368	823,722	809,212	716,512	8,451,768
1879	592,000	476,000	633,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Clev., Col., Cin. & Ind.:													
1876	296,258	329,321	299,675	297,526	315,950	320,783	263,177	335,895	367,601	333,298	282,631	234,343	3,676,458
1877	239,368	252,245	257,314	292,778	291,483	287,131	226,990	355,271	321,367	335,975	297,056	287,458	3,434,356
1878	333,299	215,645	264,426	267,444	269,553	258,344	273,817	262,186	333,278	336,165	336,830	277,727	3,528,714
Denver and Rio Grande:													
1877	43,270	40,182	49,944	51,400	68,052	57,502	74,276	84,572	78,737	83,157	80,083	.....	.....
1878	60,015	55,065	64,300	80,927	87,005	90,350	121,574	120,651	112,620	122,863	117,804	.....	.....
Hannibal & St. Joseph:													
1877	122,796	132,961	157,217	186,966	162,719	165,449	129,781	184,210	211,917	220,000	174,749	136,492	2,014,867
1878	135,044	124,096	160,365	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1879	135,423	134,668	190,134	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois Central:													
1875	591,031	481,681	595,519	610,459	604,881	602,505	715 899	613,446	718,101	816,508	773,092	679,434	7,802,556
1876	553,574	577,702	580,004	530,369	606,134	666,125	494,529	600,179	616.292	707,988	575,306	532,867	7,040,969
1877	460,656	459,123	477,102	430,557	464,523	482,163	474,086	666,609	791,512	791,913	597,060	544,543	6,639,845
1878	624,659	511,386	536,409	533,838	603,527	552,706	568,031	675,889	630,386	654,840	625,201	589,312	7,111,000
1879	551,154	475,243	540,888	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kansas Pacific:													
1877	180,240	181,094	230,284	258,198	250,507	253,652	274,362	304,842	346,661	395,361	364,188	258,107	3 294,549
1878	189,456	172,995	275,282	279,468	281,491	223,523	291,634	390,998	403,307	448,514	391,421	260,450	3,729,606
1879	199,742	246,245	340,920	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lake Shore & Mich. South'n:													
1874	1,569,750	1,363,355	1,491,380	1,518,122	1,373,678	1,335,319	1,225,831	1,414,819	1,532,602	1,589,497	1,335,892	1,365,986	17,146,131
1875	1,163,564	1,037,518	1,287,841	1,275,664	1,100,142	1,055,699	1,079,808	1,178,324	1,306,826	1,392,487	1,275 955	1,280,371	14,434,199
1876	1,097,272	1,095,529	1,193,734	1,179,898	1,178,639	1,142,228	1,020,615	1,197,992	1,350,984	1,318,194	1,122,314	1,051,777	13,949,177
1877	885,943	980,970	1,193,162	1,181,478	1,153,821	1,066,795	788,380	1,226,875	1,287,878	1,364,595	1,146,761	1,229,502	13,505,159
Mo., Kan. & Texas;													
1877	237,032	235,308	247,505	221,656	231,307	258,123	253,125	323,347	307,179	329,531	274,184	256,021	3,174,320
1878	217,029	181,118	236,546	206,7=6	206,757	207,514	219,926	294,835	330,235	349,596	288,459	242,568	2,981,679
1879	194,454	194,856	224,559	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York, Lake Erie & Western:													
1877	1,052,711	1,039,300	3,262,727	1,280,980	1,234,095	1,232,163	1,041,305	1,271,131	1,184,521	1,535,343	1,570,943	1,465,133	17,170 154
1878	1,304,018	1,131,411	3,572,638	1,127,079	1,172,961	1,258,990	1,187,670	1,445,929	1,338,272	1,473,532	1,381,391	1,205,755	17 552,646
1879	1,147,173	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Philadelphia and Reading													
1876	619 631	553,201	696,430	1,323,978	1,312,267	970,456	922,449	1,110,772	1,227,469	1,386,199	1,166,628	793,106	12,082,586
1877	711,730	673,036	851,991	1,160,898	1,151,795	1,027,314	917,228	1,248,716	1,331,582	1,330,857	934,658	1,206,434	12,556,239
1878	610,768	482,238	658,991	903,765	1,101,497	1,267,874	854,164	1,217,543	674,113	1,205,373	1,356,831	810,891	11,144,048
1879	900,482	825,154	889,569	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
St. Louis, I. Mt. & South'n:													
1877	377,203	352,407	350,778	287,903	283,686	274,164	277,320	374,165	421,605	510,812	458,075	526,304	4,500,422
1878	375,521	341,318	344,198	287,200	270,329	253,600	290,200	359,100	416,800	577,200	533,700	472,110	4,518,236
1879	334,029	339,950	352,580	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
St. Louis, Kans. C. & North'n:													
1876	246,099	282,879	271,230	236,237	236,082	229,338	218,479	255,836	232,990	328.124	282,511	264,059	3,143,866
1877	240,316	232,761	277,943	264,020	227,178	171,856	193,928	302,026	321,180	347,940	312,338	258,685	3,150,477
1878	264,289	234,661	299,825	248,522	258,132	205,733	237,529	309,103	321,362	347,172	312,592	279,905	3,317,816
1879	256,519	255,828	320,188	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Toledo, Peoria and Warsaw:													
1876	99,208	112,261	102,737	118,043	125,209	135,928	92,749	143,544	145,028	137,978	101,075	98,065	1,120,488
1877	78,571	80,579	81,220	90,113	85,011	80,009	74,359	121,274	116,591	115,167	90,086	90,687	1,106,668
1878	130,466	94 878	108,845	90,627	111,339	76,887	91,974	131,145	125,109	104,500	90,145	88,044	1,243,959
1879	94,907	77,624	91,256	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Union Pacific:													
1876	66[illegible]67	697,138	873,351	1,054,188	1,201,955	1 154,315	978,781	1,363,176	1,305.986	1,765,509	1,236.487	990,986	12,886,859
1877	611,454	851,101	1,027,512	1,088,280	1,109,063	1,101,099	1,033,592	1,012,437	1 159,332	1 329,171	1,022,354	973,253	12,744,816
1878	037 340	719,962	865,409	1,075,058	1,098,389	1,154,232	1,014,958	1,123,827	1,302,507	1,442,661	1,084,324	1,002,004	12,873,659
Wabash:													
1877	315,526	332,510	326,689	389,829	357,489	353,847	300,037	531,223	462,901	472,966	407,373	375,897	4,585,913
1878	386,919	294.635	388,019	385,904	393,191	322,801	374,598	577,940	540,024	517,613	452,740	360,547	5,024,105
1879	312,677	328,010	333,051	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

AMERICAN RAILROAD BOND LIST.

Asterick (*) affixed to rate of Interest signifies "Payable in Coin."

Description of Bonds.	Amount.	Rate.	Interest Payable. When.	Interest Payable. Where.	Due.	Price.
Adirondack:	$					
1st Mortgage	940,000	7	Jan. & July.	New York.	1886	....
Alabama and Chattanooga:						
1st Mortgage, guar. by Ala.	5,200,000	8*	Jan. & July.	New York.	1889	....
Receiver's Bonds	1,200,000	7	.....	" "	....	....
Alabama and Georgia:						
1st Mortgage, guar. by Ala. & Ga.	16,000pm	8	Jan. & July.	New York.	1891	....
Alabama Central:						
1st Mortgage	1,600,000	8	Jan. & July.	New York.	1901	....
Albany and Susquehanna:						
1st Mortgage	1,000,000	7	Jan. & July.	New York.	1888	112½
2d Mortgage	2,000,000	7	April & Oct.	" "	1885	105
3d Mortgage	253,000	7	May & Nov.	" "	1881	....
Albany Loan	933,000	6	" "	" "	1895	....
Consol. M. (guar. by D. & H. Co.)	1,595,000	7	April & Oct.	" "	1906	97
Alexandria and Fredericksburg:						
1st Mortgage	1,000,000	7	June & Dec.	Philadelphia.	1896	....
Allegheny Valley:						
General Mortgage	3,967,000	7.3	Jan. & July.	New York.	1896	113½
Special Mortgage to Penn	3,500,000	5	January.	Harrisburg.	....	....
1st M., E. Ext., guar. by Pa. R.R.	9,938,000	7	April & Oct.	Phil. or Lond.	1900	104½
Funding Income (traffic guar.)	5,402,900	7	" "	Pittsburg.	1894	80½
American Central:						
1st Mort., guar. by C., B. & Q.	386,000	7	Jan. & July.	New York.	1878	100½
Androscoggin:						
1st Mortgage (Bath Loan)	425,000	6	Jan. & July.	Bath, Me.	1891	....
Arkansas Central (narrow gauge):						
1st Mortgage	1,200,000	7*	Jan. & July.	Lond. or Ams.	1891	....
Ashtabula, Youngstown & Pitts.:						
1st Mortgage	1,500,000	7*	April & Oct.	New York.	1901	....
2d Mortgage, Income	400,000	7	Jan. and July.	Pittsburgh.	1904	....
Atchison and Nebraska:						
1st Mortgage	3,750,000	8	March & Sept.	Boston.	1896	....
Atchison, Topeka and Santa Fe:						
1st Mortgage (gold)	7,041,000	7*	Jan. & July.	New York.	1899	111½
Land Grant Mortgage (gold)	3,386,000	7*	April & Oct.	Boston.	1900	111½
1st Mort. (Wichita Br.) traf. guar	412,000	7*	Jan. & July.	"	1902	....
Pottawotomie Land Grant	439,000	7	May & Nov.	N. Y. or Bost.	1879	....
Consol. Second Mort. (gold)	3,385,000	7*	April & Oct.	"	1903	112½
Land Income bonds	480,500	12	Jan. & July.	Boston.	....	....
Atlanta and Charlotte Air Line.						
1st Mortgage (registered)	4,250,000	7	Jan. & July.	New York.	1907	....
Atlantic and Great Western:						
1st Mortgage (gold)	14,922,200	7*	Jan. & July.	N.Y. or Lond.	1902	....
2d Mortgage (gold)	10,173,679	7*	March & Sept.	" "	1902	....
3d Mortgage (gold) Income	25,785,000	7*	May & Nov.	" "	1902	....
Atlantic and Gulf:						
Consolidated 1st Mortgage	2,310,200	7	Jan. & July.	New York.	1887	98
1st Mortgage (S. Ga. & Fla. R.R.)	464,000	7	May & Nov.	" "	1888	....
2d Mortgage (S. Ga. & Fla. R.R.)	200,000	7	" "	" "	1889	....
Atlantic and Lake Erie:						
1st Mort. (gold) for $5,000,000	.....	7*	Jan. & July.	New York.	1901	....
Atlantic, Miss. and Ohio (428 m.):						
1st Mortgage for $15,000,000	5,470,000	7*	April & Oct.	New York.	1901	....
2d Mort. to State (no int. till '80).	4,000,000	....	.....	" "	....	....
Atlantic and Pacific:						
Land Mortgage gold bonds	2,829,000	6*	Jan. & July.	New York.	1888	....
2d Mortgage for $3,000,000 (gold)	2,015,500	6*	May & Nov.	" "	1891	....
1st Mort. (So. Pac. R.R. assumed	7,188,500	6*	Jan & July.	" "	1888	61
1st Mort. (Central Div.) gold	1,190,000	6*	May & Nov.	" "	1891	....
1st Mort. (Central Div.) L. G.	794,000	6*	....	" "	1901	....
Equipment Bonds	753,000	10	June & Dec.	" "	1883	....
Income Bonds (for funding)	529,600	6*	" "	" "	1883	....
Land Debentures	500,000	10	J. A. J. & O.	" "	1884	....
Atlantic and St. Lawrence:						
Sterling bonds (not Mort.) of 1853.	434,000	6*	May & Nov.	London.	1878	....
2d Mortgage (sterling) of 1864	1,500,000	6*	April & Oct.	"	1884	....
3d Mortgage (sterling) of 1871	713,000	6*	May & Nov.	"	1891	....
Portland City Bonds, 1st M., s. f.	787,000	6	" "	Portland.	1886	....
Bald Eagle Valley.						
1st Mortgage	354,000	6	Jan. & July.	Philadelphia.	1881	....
2d Mortgage	100,000	7	" "	"	1884	....
Baltimore and Ohio:						
Loan of 1850-'80	579,500	6	Jan. & July.	Baltimore.	1880	102½
Loan of 1853-'85	1,710,000	6	April & Oct.	"	1885	103½
Loan of 1855-'90 (Balt.) skg fd.	3,151,122	6	Jan. & July.	"	1890	....
Loan of 1870-'95 (stg.) skg fund.	3,273,956	6*	March & Sept.	London.	1895	....
Loan of 1872-1902 (stg.) S. F.	9,029,852	6*	" "	"	1902	....
Loan of 1874-1910 (stg.) S. F.	9,464,500	6*	May & Nov.	"	1910	....
Baltimore and Potomac:						
1st Mort. (Tunnel) gold guar.	1,500,000	6*	Jan. & July.	Baltimore.	1911	....
1st Mortgage (R. R.) gold guar.	3,000,000	6*	April & Oct.	"	1911	....
Bangor and Piscataquis:						
1st Mortgage (Bangor loan)	600,000	6	April & Oct.	Boston.	1899	....
1st Mort. (Bangor loan) extens'n	120,000	?	" "	"	1901	....
Bay City and East Saginaw:						
1st Mort. guar. by F & P. Mrq. Co.	100,000	10	Jan. & July.	Detroit.	1886	....
Bedford and Bridgeport:						
1st Mortgage	1,000,000	7	April & Oct.	Philadelphia.	1892	....
Belfast and Moosehead Lake:						
1st Mortgage (gold)	150,000	6	May & Nov.	Portland.	1890	....
Bellefonte and Snow Shoe:						
1st Mortgage	90,000	6	.....	Philadelphia.	1883	....
Bellefontaine and Indiana:						
1st Mort., assu'ed by C., C. C. & I.	453,000	7	Jan. & July.	New York.	1899	....
Belleville and Southern Illinois:						
1st Mort., guar. by St. L. A. & T. H.	1,100,000	8	April & Oct.	New York.	1896	105
Beloit and Madison (C. & N. W.):						
1st Mortgage (guaranteed)	284,000	7	Jan. & July.	New York.	1888	....
Belvidere Delaware:						
1st Mortgage (guar by C. & A. Co. and Penn. R. R. Co.)	1,000,000	6	June & Dec.	New York.	1902	107½
2d Mortgage (guar by C. & A. Co. and Penn. R. R. Co.)	499,500	6	March & Sept.	Philadelphia.	1885	104½
3d Mortgage (guar by C. & A. Co. and Penn. R. R. Co.)	745,000	6	Feb. & Aug.	"	1887	99½
Bingham Canyon & Camp Floyd:						
1st Mortgage	240,000	8*	Jan. & July.	.....	1903	....

Description of Bonds.	Amount.	Rate.	Interest Payable. When.	Interest Payable. Where.	Due	Price.
Blue Ridge, (S. Car.):	$					
1st Mort., guar. by State (gold)	4,000,000	7*	Jan. & July.	Charleston.	1898	....
Boston and Albany:						
Currency bonds of Feb. 1, 1872.	5,000,000	7	Feb. and Aug.	Boston.	'91-'92	118½
Loan of 1875	2,000,000	6	Jan. & July.		1895	109½
Boston, Clinton and Fitchburg:						
1st Mortgage (Agricultural Br.)	400,000	6	Jan. & July.	Boston.	1884	....
1st Mortgage (Equalization)	300,000	7	" "	"	1889	....
1st Mortgage (Consolidation)	252,000	7	" "	"	1890	....
Equipment Mortgage	270,000	8	Apr. and Oct.		1881	....
Boston, Concord and Montreal:						
Sinking Fund Mortgage	624,000	6	Jan. and July.	Boston.	1889	92
	1,224,000	7	Apr. and Oct.	Boston.	1893	104
Consol. Mortgage for $2,000,000.	357,200	6	" "	"	1895	....
Boston, Hartford and Erie:						
1st Mortgage (old)	273,000	7	Mar. and Sept.	Boston.	1884	....
1st Mortgage (Berdell)	15,000,000	7	Jan. and July.	New York.	1900	37½
1st Mortgage, guar. by Erie	5,000,000	7	" "	" "	1900	32
Mass. L. (sec'r'd by $4,000,000 Ber.)	3,600,000	7*	" "	Boston.	1899	....
Boston and Lowell:						
Bonds (Wharf Purchase)	200,000	6	Apr. and Oct.	Boston.	1879	101
Bonds of 1872 for $1,000,000	999,500	7	" "	"	1892	113
Bonds of 1875	500,000	7	Mar. and Sept.	"	1895	113½
Bonds of 1876	425,000	6	Jan. and July.	"	1896	105½
Boston and Maine:						
Bonds of 1893 (coup. and reg.)	3,200,500	7	Jan. and July.	Boston.	'93-'94	117½
Boston and New York Air Line:						
1st mortgage	500,000	7	Feb. and Aug	New York.	1895	102
Boston and Providence:						
Bonds to purchase P., W. & B. Rd.	500 000	7	Jan. and July.	Boston.	1893	115
Brunswick and Albany:						
1st Mort. (gold) end. by Ga. tax fr.	3,630,000	6*	Apr. and Oct.	New York.	1908	....
2d Mort. sinking fund gold	2,350,000	7*	" "	" "	1908	....
Buffalo, Bradford and Pittsburg:						
General Mortgage	580,000	7	Jan. & July.	New York	1896	....
Buffalo, Corry and Pittsburg:						
1st Mortgage	700,000	7	Jan. and July.	New York.	1896	....
Buffalo and Erie:						
Mort. bonds (ass'd by L S & M S)	200,000	7	Jan. and July.	New York.	1882	....
Mort. bonds (" " ")	300,000	7	March & Sept.	" "	1886	....
Mort. bonds (" " ")	2,844,000	7	Apr. and Oct.	" "	1898	116
Buffalo and Jamestown:						
Mortgage	1,000,000	6*	.....	New York.	1902	....
Buffalo, New York and Erie:						
1st Mortgage Renewal Bonds	2,380,000	7	June & Dec.	New York.	1916	116
Buffalo, New York & Phila.:						
1st Mortgage	2,296.000	6*	Jan. & July.	New York.	1896	93
2d Mortgage for $1,000,000	281,500	10	" "	"	1893	....
Burlington, Cedar Rapids & Nor.:						
1st Mortgage	6,500,000	5	June & Dec.	New York.	1906	75½
1st Mort. (Minn. & St. Louis)	156,000	7*	Jan. & July.	" "	1911	....
Burlington and Missouri River:						
Land and R. R. Mortgage	4,638,250	7	April & Oct.	N. Y. & Bost.	1898	114½
Stock (common) Bonds	286,500	8	April & Oct.	N. Y. & Bost.	1879	104½
Stock (common) Bonds	279,000	8	Jan. & July.	" "	1894	106
Stock (common) Bonds	370,500	8	" "	" "	1889	....
Burlington and Mo. Riv. in Neb.:						
1st Mortgage convertible	5,627,000	8	Jan. & July.	N. Y. & Bost.	1894	117
Bonds convertible until 1882	600,000	8	" "	Boston.	1883	113
Consolidated Mortgage	.....	6	.....	Boston.	....	....
Burlington and Southwestern:						
1st Mortgage ($20,000 per mile).	1,800,000	8	May & Nov.	Boston.	1891	13
Cairo and Fulton (Arkansas):						
1st Mort. (R.R. and lands) S.F.	3,000,000	7*	Jan. & July.	New York.	1891	....
Cairo and St. Louis (3 ft. gauge):						
1st Mortgage	2,500,000	7	April & Oct.	New York.	1901	....
Cairo and Vincennes:						
1st Mortgage, gold	3,500,000	7*	April & Oct.	N. Y. & Lond.	1909	....
2d Mortgage	1,500,000	7*	Jan. & July.	" "	1898	....
California Pacific:						
1st Mortgage, sinking fund	2,250,000	7*	Jan. & July.	New York.	1889	....
Extension, or 2d Mortgage	3,500,000	7*	" "	" "	1889	....
2d Income, or double track b'ds	1,600,000	6*	Jan & July.	.....	1891	....
Camden and Amboy:						
Loan of 1883	1,700,000	6	Feb. & Aug.	Philadelphia.	1883	103½
Loan of 1889	866,000	6	June & Dec.	Princeton.	1889	105½
Mortgage Loan of 1889	5,000,000	6	May & Nov.	Philadelphia.	1889	112
Sterling Loan, S. F. (£262,000)	1,286,080	6*	Feb. & Aug.	London.	1890	....
Camden and Atlantic:						
1st Mortgage	490,000	7*	Jan. & July.	Philadelphia.	1893	116
2d Mortgage	500,000	7	April & Oct.	"	1879	102
Camden and Burlington County:						
Consolidated 1st Mortgage	350,000	6	Feb. & Aug.	Philadelphia.	1897	103
Canada Southern:						
1st Mort. (skg fd) g'd for $9,000,000	9,000,000	7*	Jan. & July.	New York.	1906	81½
Cape May and Millville:						
2d Mort. guar. by W. Jersey R.R.	400,000	7	April & Oct.	Camden.	....	....
Carbondale and Shawneetown:						
1st Mortgage	200,000	7*	Jan. & July.	.....	1902	....
Carolina Central:						
1st Mortgage	3,000,000	6*	Jan. & July.	New York.	1923	....
2d Mortgage--Income Bonds	3,000,000	7	April & Oct.	" "	1914	....
Carthage and Burlington:						
1st Mort., guar. by C., B. and Q.	266,000	8	May & Nov.	New York.	1879	101½
Catawissa:						
1st Mortgage (old)	230,500	7	Feb. & Aug.	Philadelphia.	1882	....
1st Mortgage (new)	1,200,000	7	" "	"	1900	108½
Chattel Mortgage	209,350	5	May and Nov.	"	'85-'86	....
Cayuga Lake:						
1st Mortgage	800,000	7*	June and Dec.	New York.	1901	....
Cazenovia and Canastota:						
1st Mort. gold	250,000	7	Feb. & Aug.	New York.	1900	....
Cedar Falls and Minnesota:						
1st Mort. (C. F. to Waverly)	95,000	7	April & Oct.	New York	1884	99
1st Mort. (W. to Man. Line)	1,334 000	7	Jan. & July	" "	1907	....

AMERICAN RAILROAD BOND LIST.

An Asterick (*) affixed to rate of interest signifies "Payable in Coin."

Description of Bonds.	Amount.	Rate	Interest Payable. When.	Interest Payable. Where.	Due.	Price.
Cedar Rapids & Mo.Riv.(C&NW):	$					
1st Mortgage, 1st Div. $10,000pm	678,000	7	Feb. & Aug.	New York.	1891	110½
1st Mortgage 2d Div. $10,000p.m.	582,000	7	" "	" "	1894	101½
1st Mortgage 3d Div. $16,000 p. m.	2,400,000	7	May & Nov.	" "	1916	113
Central Branch Union Pacific:						
1st Mort. (Atch.& Pike's Peak).	1,600,000	6*	May & Nov.	New York.	1895	....
2d Mortgage Governm't subsidy.	1,600,000	6	Jan. & July.	" "	1895	....
Central of Georgia:						
General Mort. for $5,000,000....	2,222,000	7	Jan. & July.	N.Y. & Savan.	1893	....
Macon & West.(Atlanta D.)b'ds	117,000	7	April & Oct.	Savannah.	1880	....
Central of Iowa:						
1st Mortgage, gold, $16,000 p.m.	3,700,000	7*	Jan. & July.	New York.	1899	82½
2d Mortgage, gold, $4,000 p. m..	925,000	7*	April & Oct.	" "	1901	....
Central of L. I. (Flush.,N.C.&C.):						
1st Mortgage.....	1,275,000	7	May & Nov.	New York.	1889	....
Central of New Jersey:						
Convertible bonds of 1872.....	4,400,000	7	May & Nov.	New York.	1902	103½
1st Mort.(New)for $5,000,000....	5,000,000	7	Feb. & Aug.	" "	1890	115½
Newark Branch Bonds.....	600,000	7	Jan. & July.	" "	1887	....
Loan of Leh.C. & Nav.Co.(ass'd)	2,310,000	6	J. A. J. & O	Philadelphia.	1897	....
Consol. Mort. for $25,000,000....	15,000,000	7	" " "	New York.	1899	104
Central Ohio (B. and O.:)						
1st Mortgage guaranteed.....	2,500,000	6	March & Sept.	Baltimore.	1890	106
Central Pacific of California:						
1st Mort., 30 years bonds, (gold).	25,883,000	6*	Jan. & July.	New York.	'95-'98	111
Convertible 20 years bonds, gold	1,483,000	7*	" " "	" "	1883	103
State Aid B'ds(Int.by State)gold	1,500,000	7*	" "	Sacramento.	1884	105
2d Mort. (Governm't Subsidy).	27,855,680	6	" "	U.S.Treasury.	'95 '99	....
1st Mort. (Western Pacific) gold	2,735,000	6*	" "	New York.	1899	106½
1st Mort. (Calif. & Oregon) gold	8,000,000	6*	" "	" "	'88-'92	100
1st Mort. (S. Fr., Okld & Ala.)..	500,000	8*	" "	" "	1890	....
1st Mort.(San Joaquin V.D.)gold	6,030,000	6*	April & Oct.	" "	1900	99½
Land bonds (Cen. Pac. Co.) gold	8,704,000	6*	" "	" "	1890	101½
Central Vermont:						
1st Mort., Consol. (Vt. Central).	3,000,000	7	May & Nov.	Boston.	1886	10½
2d Mort., Consol. (").	1,500,000	7	June & Dec	"	1891	2½
1st Mort. (Stan., Sheff. and Ch.)	500,000	7	Jan. & July.	"	1887	26
Income and Extension Bonds..	1,008,600	8	May & Nov.	"	1902	23
Equipment Mort. (Vt. Central).	1,000,000	8	" "		'76-'77	40
Equipment Mort. (").	1,000,000	8	" "		1889	28
Bonds, guar. (Vt. and Canada)	1,000,000	8	Jan. & July.		1891	22½
Missisquoi R.R.(" ")	500,000	7	" " "	"	1891	....
Cent. Vt. (Vt. & Ca. Mort.)b'ds	3,000,000	6	March & Sept.	"	1904	....
Charleston and Savannah:						
1st Mortgage guar. by State.....	505,000	6	March & Sept.	Charleston.	1877	....
Funded Interest on 1st Mort....	157,400	7	" "	" "	1889	....
Charlotte, Columbia & Augusta:						
1st Mortgage.....	1,810,500	7	Jan. & July.	New York.	1895	71
2d Mortgage.....	500,000	7	April & Oct.	Baltimore.	....	....
Chartiers:						
1st Mort., guar. by Penna.....	500,000	7	April & Oct.	Philadelphia.	1901	100
Cheraw and Darlington:						
1st Mortgage dated Jan. 1, 1871.	141,000	8	April & Oct.	Charleston.	1888	....
2d Mortgage dated Jan. 1, 1869.	75,000	7	Jan. & July.	" "	1888	....
Cherry Valley, Sharon and Alb.:						
1st Mort. con. guar. by A.& S.Co.	300,000	7	June & Dec.	New York.	1899	....
Chesapeake and Ohio:						
1st M.(gold) skg fd for $15,000,000	15,000,000	6*	May & Nov.	New York.	1899	31
1st Mort. Extension.(cou. or reg)	5,426,900	7*	Jan. & July.	" "	1902	....
1st Mort. (Va. Cen.) guar. by Va.	100,000	6	" "		1880	....
2d Mort. (") coupon....	902,000	6	" "	"	1884	....
Income (") coupon....	300,000	8	" "	" "	1876	....
Funded Interest, coupon.....	160,500	8	" "	" "	1877	....
Cheshire:						
Coupon bonds (no Mort.).....	813,700	6	Jan. & July.	Boston.	'77-'96	102
Chester Creek (Phil. &Balt. Cent.):						
1st Mort., guar. by P., W. & B..	185,000	6	Jan. & July.	Philadelphia.	1903	....
Chester and Tamaron:						
1st Mortgage.....	660,000	7*	May & Nov.	New York.	1901	....
Chicago and Alton:						
1st Mortgage.....	2,400,000	7	Jan. & July.	New York.	1893	116
2d Mortgage Income.....	1,100,000	7	April & Oct.	" "	1883	106½
Consol. Bonds (£200 stg. each).	4,379,850	6*	Jan. & July.	London.	1903	....
1st Mort. (St.L.J. & C.) assumed	564,000	7	April & Oct.	New York.	1894	110
2d Mort. (") "	188,000	7	Jan. & July.	" "	1898	....
1st Mort. (Louisiana and Mo)..	1,854,000	7	Feb. & Aug.	" "	1900	....
Chicago, Burlington and Quincy:						
Trust Mortgage skg fund.....	2,570,000	8	Jan & July.	New York.	1888	111½
Trust Mortgage, skg fund conv..	150,000	8	" "	" "	1883	....
Trust Mortgage (Burl. to Peoria)	653,000	7	April & Oct.	" "	1890	....
Loan of 1872.....	1,918,475	7	Jan. & July.	Boston.	1896	115
Bonds of 1775, Sinking Fund...	448,000	5	June & Dec.	"	1895	93
Consol. Mortgage for $30,000,000.	10,433,000	7	" "	"	1903	117½
1st Mort. (Am. Cen. R.R.) guar.	386,000	8	" "	New York.	1878	....
1st Mort. (Car. and Burl.) guar..	266,000	8	May & Nov.	" "	1879	....
1st Mort. (Dix., Peo. & Han)guar.	563,500	8	Jan. & July.	" "	1889	....
1st Mort. (Ill. Gr. Trunk) guar..	989,000	8	April & Oct.	Boston.	1890	....
1st Mort. (Keok. & St.Paul)guar.	318,000	8	" "	"	1879	....
1st Mort. (O., O. & Fox Rv.)guar.	1,072,000	8	Jan. & July.	N.Y. & Bost.	1900	....
1st Mort. (Peo. and Han.) guar..	277,000	8	" "	New York.	1878	....
1st Mort. (Quincy & War.) guar.	725,000	8	" "	N.Y. & Bost.	1890	....
2d Mort. (Northern Cross) gold.	891,000	4*	" "	Frankfort.	1890	....
Chicago and Canada Southern.						
1st Mortgage.....	2,467,000	7*	Apr. and Oct.	New York.	1902	....
Chicago, Cincinnati and Louisv.:						
1st Mortgage.....	1,000,000	7	Jan. & July.	New York.	1887	....
Chicago Clinton and Dubuque						
1st Mort. guar. C., E. and Q....	1,500,000	8	June & Dec.	Boston.	1896	....
Chicago, Danville and Vincennes:						
1st Mortgage (Ill. Div) gold ...	2,500,000	7*	Apr. and Oct.	New York.	1909	....
1st Mortgage (Ind. Div.) gold ..	825,000	7*	" "	" "	1912	....
Chicago, Dubuque and Minn.:						
1st Mortgage guar. $25,000 p. m.	4,425,000	8	June & Dec.	Boston.	1896	....
Chicago and Iowa:						
1st Mortgage for $2,000,000	2,200,000	8	Jan & July.	N.Y. & Bost.	1901	82

Description of Bonds.	Amount.	Rate	Interest Payable. When.	Interest Payable. Where.	Due.	Price.
Chicago, Iowa and Nebraska:	$					
2d Mort. (now 1st) guar.C&NW	568,200	7	Jan. & July.	Boston.	1880	102
3d Mort. (now 2d) guar.C.&NW	211,500	7	Feb & Aug.	New York.	1892	109½
Chicago and Lake Huron:						
1st Mort. 1st series (Peninsular.)	1,800,000	7*	May and Nov.	N.Y. or Lond.	1899	....
1st Mort. 2d series (")	2,000,000	7*	" "	" "	1900	....
1st M. (Port Huron & L. Mich.)	1,800,000	7*	" "	New York.	1899	....
2d Mortgage (Peninsular.).....	540,000	7	Feb. and Aug.	"	1881	....
Consolidated Mortgage.....	12,000,000	6*	" "	"	1903	....
Chicago and Milwaukee Railway:						
1st Mort., guar. by C. and N.W.	1,700,000	7	Jan. & July.	New York.	1898	115
Chicago and Mich. Lake Shore:						
1st Mortgage.....	477,000	8	March & Sept.	Boston.	1889	....
1st Mortgage.....	2,500,000	8	Jan. & July.	"	1890	100
1st Mortgage.....	1,350,000	8	May & Nov.	"	1891	....
1st Mortgage (on Branch).....	1,325,000	8	March & Sept.	"	1892	....
Chicago, Milwaukee and St. Paul:						
1st Mort. (La Crosse Division.)	6,600,000	7	Jan. & July.	New York.	1893	110
1st Mort. (Chic. and Mil. Div.)	2,500,000	7	Jan. & July.	" "	1903	111
1st Mort. (Iowa & Dakota Ext.)	1,000,000	7	" "	" "	1908	102
1st Mort. (Iowa and Minn. Div.)	3,810,000	7	Jan & July.	" "	1897	109
1st Mort. (Minnesota Central.)	190,000	7	" "	" "	1894	....
1st Mort. (St. Paul Division.)	4,000,000	7*	" "	" "	1902	109
1st Mort. (Iowa and Dak. Div.)	591,000	7	" "	" "	1899	103½
1st Mort. (Prairie duChien Div.)	3,674,000	8	Feb. & Aug.	" "	1898	124½
2d Mort. (" ")	1,315,000	7.3	" "	" "	1898	105
1st Mort. (Hast. and Dak. Div.)	172,000	7	Jan. & July.	" "	1902	103½
1st Mort. (Mil. and Western)...	234,000	7	Jan. & July.	" "	1891	....
2d Mortgage.....	600,000	7	April & Oct.	" "	1884	100½
Equipment and Bridge Bonds..	.....	10	June & Dec.	" "	1883	....
Consol. Mort. for $35,000,000....	7,304,000	7	Jan. & July.	" "	1905	105½
Chicago and Northwestern:						
Preferred sinking fund (193 m.)..	1,214,100	7	Feb. & Aug.	New York.	1885	109½
General 1st Mortgage (193 m.) ..	3,477,800	7	" "	" "	1885	108½
Funded coupons (193 m.).....	708,600	7	May & Nov.	" "	1883	107½
Appleton Ext. (23 m.& 76,000 ac.)	116,000	7	Feb. & Aug.	" "	1885	106½
Green Bay Ext. (26m & 76,000 a.)	255 000	7	" "	" "	1885	106½
1st Mort. (Gal. & Chi. U.) 248 m.	1,690,000	7	" "	" "	1882	....
Elgin and State Line.....	114,500	6	Jan. & July.	" "	1878	....
Mississippi River Bridge	168,000	7	" "	" "	1884	....
1st Mortgage (Peninsula).....	272,000	7	March & Sept.	" "	1898	110
Consol. skg fund (C.& N.W.R'y)	4,693,000	7	F. M. A. & N.	" "	1915	117½
General Consol. Gold Bonds ...	12,343,000	7*	June & Dec.	" "	1902	111
1st Mort. S. F.(Madison Exten.)	3,150,000	7*	April & Oct.	" "	1911	....
1st Mort. S.F.(Menominee Ext.)	2,700,000	7*	June & Dec.	" "	1911	....
1st Mort. (Chic.& Mil.R.W.)guar	1,700,000	7	Jan. & July.	" "	1898	....
1st Mort. (Bel.& Mad. R.R.)guar.	249,000	7	" "	" "	1888	....
Chicago and Paducah (C. B. & Q.):						
1st Mortgage $26,000 p. m. gold..	2,304,000	7*	Jan. & July.	Boston.	1903	....
Chi., Pekin & Southwrn (CB&Q):						
1st Mortgage for $10,000per mile	700,000	8	Feb. & Aug.	New York.	1901	....
Chicago, Rock Island and Pacific:						
1st Mortgage skg. fund.....	124,000	7	Jan. & July.	New York.	1896	....
Branch Bonds Sinking Fund...	916,000	6	Feb. & Aug.	" "	1895	....
New Mort. bonds for $12,500,000	8,920,000	6	Jan. & July.	" "	1917	114½
Chi. & Southwes'n(C.,R.I.&Pac.):						
1st Mort. gold, tax free, guar.....	5,000,000	7*	May & Nov.	New York.	1899	....
1st Mortgage gold (Atchison Br.)	1,000,000	7*	June & Dec.	" "	1901	....
Chicago and Superior:						
1st Mortgage(Mad.& Portage)g'd	600,000	7*	April & Oct.	New York.	1900	....
Chillicothe and Brunswick:						
1st Mort, guar.by St.L.,K.C.&N.	500,000	8	Jan. & July.	New York.	1894	....
Cincinnati, and Baltimore:						
1st Mort. guar.by B.& O.& M.&C.	500,000	7	Jan. & July.	Baltimore.	1900	96
Cincinnati, Hamilton and Dayton:						
1st Mortgage of 1863.....	1,243,000	7	May & Nov	New York.	1880	101
2d Mortgage of 1865.....	498,000	7	Jan. & July.	" "	1885	....
Consol. S. F. M. for $3,000,000..	996,000	7	April & Oct.	" "	1905	....
Cincinnati, Ham.& Ind.(C.,H.&D.):						
1st Mort., guar. for $2,500,000...	1,846,000	7	Jan. and July.	New York.	1903	103
Cincinnati, Lafayette and Chi.:						
1st Mortgage.....	1,120,000	7*	March & Sept.	New York.	1901	75
Consolidated Mortgage.....	471,000	7g	June & Dec.		1914	....
Cincinnati and Martinsville:						
1st Mort., guar. by I.,C. & La.F.	400,000	7	Feb. & Aug.	New York.	1905	....
Cincinnati & Muskingum Valley:						
1st Mortgage.....	1,500,000	7	Jan. and July.	New York.	1901	....
Cincinnati, Richmond & Chicago:						
1st Mortgage guar. by C.,H.&D.	560,000	7	Jan. and July.	New York.	1895	....
2d Mortgage " "	65,000	7	" "	" "	1889	....
Cinc., Rich. & Ft. Wayne(G.R.&I.):						
1st Mortgage gold, guar.....	1,800,000	7*	June & Dec.	New York.	1921	....
Cincinnati, Sandusky and Clev.:						
1st Mortgage.....	1,072,300	7	June & Dec.	New York.	1890	36½
1st Mort. (San., Day. & Cin.)S.F.	988,000	6	Feb. & Aug.	Boston.	1900	87½
1st Mort. (San. City and Ind.)..	350,000	7	March & Sept.	"	1897	89½
1st Mort. (Col., Spring. & Cinc.)	1,000,000	7	" "	New York.	1901	....
Cincinnati and Springfield:						
1st Mort. (guar .by C. C. C. & I.)	2,000,000	7	April & Oct.	New York.	1901	89½
2d Mortgage.....	588,256	7	Jan. and July.	" "	1902	....
Cincinnati, Wabash and Mich.:						
1st Mortgage for $16,000 p. m....	2,000,000	7*	Jan. and July.	New York.	1891	25½
Clev., Col., Cin. & Indianapolis:						
1st Mortgage sinking fund.....	3,000,000	7	May & Nov.	New York.	1899	116
1st Mort. (C., U. and C. R. R.)..	150,000	7	June & Dec.	" "	'74-'84	....
1st Mort. (Bell. and Ind. R.R.)..	420,000	7	Jan. and July.	" "	1899	....
Consol. Mortgage for $7,500,000.	2,539,000	7	June and Dec.	N.Y. or Lond.	1911	99½
Clev.& Mahoning V.(A.& Gt. W.):						
1st Mortgage, extended.....	740,500	7	Feb. and Aug.	New York.	1893	....
3d (now 2d)Mort.(skg fund) 1856	654,500	7	March & Sept.	" "	1876	....
1st Mort. (Niles & New Lisbon)	500,000	7	Jan. and July.	" "	1890	....
Clev., Mt. Vernon and Delaware:						
1st Mortgage gold.....	1,350,000	7*	Jan. & July.	New York.	1900	....
1st Mort. (Columbus Extension)	950,000	7	" "	" "	1902	....
Income bonds.....	662,900	7	March & Sept	" "	1905	....

AMERICAN RAILROAD BOND LIST.

Asterick (*) affixed to rate of interest signifies "Payable in Coin."

Description of Bonds.	Amount.	Rate.	Interest Payable. When.	Interest Payable. Where.	Due.	Price.
Cleveland and Pittsburg (Pa.Co.):	$					
Construction and Equip. bonds.	600,000	7	Jan. and July	New York.	1913	....
4th (now 3d) Mortgage guar.....	1,096,000	6	" "	" "	1892	110¼
Consol. sinking fund guar.....	1,487,000	7	May & Nov.	" "	1900	118
Clev., Painesville & Ashtabula:						
Regist'd b'ds(ass'd by LS&MS.)	1,000,000	7	Jan. & July.	New York.	1880	102¼
3d Mortgage (" ")	1,000,000	7	April & Oct.	" "	1892	115
Cleveland and Toledo:						
1st Mort., s.f.(ass'd by LS&MS.)	1,595,000	7	Jan. & July.	New York.	1885	110¼
2d Mortgage (" ")	849,000	7	April & Oct.	" "	1886	108
Celebrookdale:						
1st Mort. guar. by Ph. and Rdg.	584,700	6	June & Dec.	Philadelphia.	1893	43
Colorado Central (3 ft. gauge):						
1st Mortgage.....	225,000	8*	June & Dec.	Boston.	1890	....
Columbus, Chicago & Ind. Cent.:						
1st Mortgage Consol. skg fund..	15,344,750	7	April & Oct.	New York.	1908	68
2d Mortgage skg fund.....	5,582,400	7	Feb. & Aug.	" "	1909	27¼
Income convertible.....	3,893 000	7	" "	" "	1890	....
1st Mort. (Chic. and Gt.Eastern)	461,000	7	April & Oct.	" "	'93-'95	....
2d Mort. (" ")	344,460	7	Jan. & July.	" "	....	....
1st Mort. (Cin. and Chi. Air-L.)	194,100	7	Feb. & Aug.	" "	1890	....
1st M., s.f.(" ")	39,650	7	May & Nov.	" "	1886	....
1st Mort. (Col. and Ind. Cent.)	2,632,000	7	Jan. & July.	" "	1904	....
2d Mort. (" ")	821,000	10	May & Nov.	" "	1904	....
1st M. (Col. & Ind.) 1st&2d pref.	309,500	7	Jan. & July.	" "	1883	....
2d Mortgage (Ind. Central).....	666,500	7	" "	" "	1882	....
1st Mort.(Tol., Loganspt &Bur.)	554,500	7	Feb. & Aug.	" "	1884	....
Income (" ")	74,024	7	" "	" "	....	....
1st Mort. (Union & Logansport)	815,000	7	April & Oct.	" "	1905	....
Columbus, Springfield and Cin.:						
1st M.(assumed by Cin., S. & C.)	1,000,000	7	March & Sept.	New York.	1901	....
Columbus and Hocking Valley:						
1st Mortgage skg fund.....	1,500,000	7	April & Oct.	New York.	1897	....
1st M. on Branch(& 2d on main)	300,000	7	Jan. & July.	" "	1880	....
General Mortgage.....	634,000	7	" "	" "	1892	....
Columbus and Xenia:						
1st Mortgage, guar by L.M.R.R.	302,000	7	March & Sept.	New York.	1890	....
Connecticut and Passumpsic Riv.:						
New Mortgage for $1,500,000....	1,263,500	7	April & Oct.	Boston.	1893	106
Coupon Notes.....	123,000	7	June & Dec.	"	1881	100¼
1st Mort (Massawippi) guar. gold	400,000	6*	Jan. & July.	"	1889	83¼
Connecticut River:						
1st Mortgage skg fund.....	.....	6	March & Sept.	Boston.	1878	....
Connecticut Valley:						
1st Mortgage.....	1,000,000	7	Jan. & July.	New York.	1901	....
Connecticut Western:						
1st Mortgage tax free.....	3,000,000	7	Jan. & July.	N. Y. & Bost.	1900	20
Connecting (Philadelphia):						
1st Mort. ABCD&E$200,000each	991,000	6	March & Sept.	Philadelphia.	1.2.3.4.	108¼
Cooperstown and Susq. Valley:						
1st Mortgage.....	100,000	7	March & Sept.	New York.	1889	....
Cowanesque Valley:						
1st Mortgage, gold.....	95,000	7*	Jan. & July.	New York.	1902	....
2d Mortgage	160,000	7	May & Nov.	" "	1882	....
Cumberl'd & Penn. (Consol. Coal):						
1st Mortgage.....	803,500	6	March & Sept.	New York.	1891	....
2d Mortgage, sinking fund.....	648,000	6	May & Nov.	" "	1888	....
Cumberland Valley:						
1st Mortgage.....	161,000	8	April & Oct.	Philadelphia.	1904	....
2d Mortgage.....	109,500	8	" "	"	1908	....
Plain bonds.....	81,800	6	" "	"	1884	....
Danbury and Norwalk.						
Mortgage Bonds of 1860.....	100,000	7	Jan. & July.	New York.	1880	....
Mortgage Bonds of 1870.....	200,000	7	" "	" "	1890	....
Mortgage Bonds of 1872.....	200,000	7	" "	" "	1892	....
Danv.,Hazleton & Wilkesbarre:						
1st Mortgage.....	1,400,000	7	April & Oct.	Philadelphia.	1887	40
2d Mortgage	300,000	7	" "	"	1885	....
Danv., Urb., Bloom'gton & Pekin:						
1st Mortgage.....	2,000,000	7*	April & Oct.	New York.	1900	....
Davenport and St. Paul:						
1st Mort. gold skg fd $20,000 p.m.	3,000,000	7*	April & Oct.	New York.	1911	....
Dayton and Michigan (O.H. & D.):						
1st Mortgage sinking fund guar.	1,846,000	7	Jan. & July.	New York.	1981	....
2d Mortgage, guar.....	426,000	7	March & Sept.	"	1884	....
3d Mortgage, guar.....	351,000	7	April & Oct.	"	1888	....
Toledo Depot bonds guar.....	105,500	7	March & Sept.	"	'86-'94	....
Dayton and Union:						
1st Mortgage, registered	140,000	7	March & Sept.	New York.	1879	....
2d Mortgage.....	135,000	7	June & Dec.	"	1879	....
Income Bonds	252,445	6	" "	"	1879	....
Dayton and Western (L. M. R.R):						
1st Mortgage (assumed).....	142,000	7	March & Sept.	New York.	1881	....
1st Mortgage (").....	495,000	6a7	Jan. & July.	"	1905	....
Decatur, Sullivan and Mattoon.						
1st Mortgage.....	500,000	8	March & Sept.	New York.	1901	....
Delaware and Bound Brook:						
1st mortgage.....	1,500,000	7	Feb. & Aug.	Philadelphia.	1905	106¼
Delaware (P. W. and Balt.):						
1st Mortgage, guar.....	650,000	6	Jan. & July.	Philadelphia.	1895	107
1st Mortgage extension.....	100,000	6	" "	"	1880	....
Delaware, Lackawan. & Western:						
2d Mortgage.....	1,633,000	7	March & Sept.	New York.	1881	104
Convertible Bonds.....	600,000	7	June & Dec.	" "	1892	106¾
Consol. Mortgage Bonds.....	3,667,000	7	March & Sept.	" "	1907	106¾
2d Mort. (Lack. & Bloomsburg)	216,200	7	Apr. and Oct.	" "	1880	....
1st M. Ext.(" ")	370,900	7	March & Sept.	" "	1885	....
Denver & Boulder Val.(Den. Pac):						
1st Mortgage.....	550,000	7*	May & Nov.	Kansas City.	1900	....
Denver Pacific:						
1st Mortgage gold, land grant....	2,493,000	7*	May & Nov.	New York.	1899	....
Denver & Rio Grande(3 ft.gauge):						
1st Mort. gold, skg fund tax free.	3,024,500	7*	May & Nov.	N.Y.L.&Ams.	1900	91¾
Des Moines and Ft. Dodge:						
1st Mortgage(cy upon).....	2,400,000	6	Jan. & July.	New York.	1904	...

Description of Bonds.	Amount.	Rate.	Interest Payable. When.	Interest Payable. Where.	Due.	Price.
Detroit & Bay City (Mich. Cent.):	$					
1st Mort. ($424,000 guar.).....	2,330,000	8	May and Nov.	New York.	1902	107¼
Detroit, Eel River and Illinois:						
1st Mortgage for $22,000 p.m....	1,064,000	8	Jan. & July.	New York	1891	....
2d Mortgage	500,000	7	May and Nov.	"	1888	....
Detroit, Hillsdale and Indiana:						
1st Mort. $16,000 p. m. guar.....	1,176,000	8	June & Dec.	New York.	1907	....
2d Mortgage, (coupon) guar....	300,000	8	Jan. & July.	" "	1881	....
Detroit, Lansing and Northern:						
1st Mortgage.....	1,997,000	7	Jan. & July.	Boston.	1907	74¼
1st Mort. (Ionia and Lansing)..	770,000	8	" "	New York.	1889	...
2d Mort. (" ")...	81,000	8	May & Nov.	"	1880	....
Detroit & Milwaukee(Gt. W. of Ca.):						
1st Mortgage, (D.& M.R'y).....	2,500,000	7	May & Nov.	New York	1875	....
2d Mortgage (").....	1,000,000	8	" "	" "	1875	....
1st Funded Coup. (D.& M.R.R.)	625,924	7	Jan. & July.	" "	1875	....
2d Funded Coup. (")	375,734	7	May & Nov.	" "	1875	....
1st Mort. (Detr. & Pontiac R.R.)	150,000	7	April & Oct.	" "	1878	....
2d Mort. (" ")	100,000	7	Jan. & July.	" "	1878	....
3d Mort. (" ")	250,000	8	Feb. & Aug.	" "	1886	....
Bonds of Sept. 1, 1866.....	110,000	7	March & Sept.	" "	1886	....
Bonds of June 30, 1866.....	1 702,317	6a7	Jan. & July.	" "	1886	....
Detroit, Mon. & Tol. (L.Sh.&M.S.):						
1st Mortgage Aug. 1, 1856	924,000	7	Feb. & Aug.	New York.	1906	112
Dixon, Peoria and Hannibal:						
1st Mort., guar. by C., B. and Q.	563,500	8	Jan. & July.	New York.	1889	101
Dubuque and Sioux City:						
1st Mortgage 1st div.....	296,000	7	Jan. & July.	New York.	1883	104
1st Mortgage 2d division.....	586,000	7	" "	"	1894	106
Dubuque Southwestern:						
1st Mortgage.....	450,000	7	April & Oct.	New York.	1883	....
1st Mortgage, preferred.....	78,500	7	Jan. & July.	" "	1883	....
Dunkirk, Allegheny Val. & Pittsb.:						
1st Mortgage (gold).....	1,200,000	7*	June & Dec.	New York.	1900	....
Dutchess and Columbia:						
1st Mortgage Jan. 1, 1868.....	1,500,000	7	Jan. & July.	New York.	1908	....
East Alabama and Cincinnati:						
1st Mort. endorsed by Alabama.	400,000	8	Jan. & July.	.....	1890	....
East Brandywine & Waynesboro':						
1st Mortgage guar. by Pa. R.R..	140,000	7	Jan. & July.	Philadelphia.	1885	....
East Pennsylvania (Ph. & Rdg.):						
1st Mortgage, guaranteed.....	495,900	7	March & Sept.	Philadelphia.	1888	104
East Tennessee, Virginia & Ga.:						
1st Mort., skg fund for $3,500,000	2,999,000	7	Jan. & July.	New York.	1900	99
2d Mortgage.....	190,000	4	" "	" "	'82-'87	....
Endorsed Bonds (East T. &Va.)	147,000	6	May & Nov.	" "	1886	....
Endorsed Bonds (East T. &Ga.)	92,000	6	Jan. and July.	" "	1886	....
Company Bonds (E.T.&Ga.,old)	635,000	6	" "	" "	'80-'86	....
Company Bonds (" new)	135,400	6	" "	" "	1876	....
Eastern (Mass.):						
1st Mort. (Essex R.R.) assumed.	194,400	6	March & Sept.	Boston.	1896	90
Loan of 1867	.....	7	" "	"	1887	....
Loan of 1868.....	.....	6	" "	"	'88-'89	....
Loan of 1869.....	.....	6	May & Nov.	"	1889	....
Ten year coupon notes.....	.....	7	.....	"	1882	....
Ten year coupon notes.....	.....	7	.....	"	'83-'84	....
Sinking Fund Bonds.....	.....	7	May & Nov.	"	1884	....
Sterling Sink. Fd. Bonds.....	3,049,200	6*	March & Sept.	London.	1893	....
Certif. of Indebt. Sept. 1, 1876..	12,673,000	3½*	" "	Boston.	1906	70¼
Eastern Shore (Md.):						
1st Mortgage.....	400,000	6	Jan. & July.	Philadelphia.	1880	....
2d Mortgage	200,000	6	April & Oct.	"	1886	....
Elizabethtown and Paducah:						
1st Mortgage, convertible.....	3,000,000	8	March & Sept.	New York.	1890	....
Elmira and Williamsport(N.Cen.):						
1st Mortgage guaranteed.....	1,600,000	7	Jan. & July.	Philadelphia.	1880	103¼
Income Mortgage guaranteed ..	570,000	5	April & Oct.	"	2862	79
Erie Railway:						
1st Mortgage, extended.....	2,483,000	7	May & Nov.	New York	1897	120¼
2d Mortgage.....	2,174,000	7	March & Sept.	" "	1879	103
3d Mortgage.....	4,352,000	7	" "	" "	1883	107¼
4th Mortgage convertible.....	2,937,000	7	April & Oct.	" "	1880	103
5th Mortgage convertible.....	709,500	7	June and Dec.	" "	1888	....
Buffalo Branch, 1st mortgage...	182,500	7	Jan. & July.	" "	1891	....
Long Dock Mortgage.....	3,000,000	7	June and Dec.	" "	1893	116¼
1st Consol Mortgage(g old ...	16,533,714	7*	March & Sept.	NY&London.	1920	107¼
1st Consol. Mort. Coup. Bonds.	3,718,100	7*	" "	" "	1920	71
Erie and Pittsburg (Penn.):						
1st Mortgage.....	292,200	7	Jan. & July.	New York.	1882	....
2d Mortgage	92,300	7	April & Oct.	" "	1890	....
Consolidated Mortgage.....	2,192,000	7	Jan. & July.	" "	1898	97
Equipment Mortgage	750,000	7	April & Oct.	" "	1890	....
European & N. American (Me.):						
Bangor City Bonds(1st m. 55 m.)	1,000,000	6	Jan. & July.	Boston.	1894	....
1st L.M.(& 1st on 50, &2d on 55m)	2,000,000	6*	March & Sept.	New York.	1899	....
Evansville and Crawfordsville:						
1st Mortgage (51 miles)skg. fund	302,000	7	Jan. & July.	New York.	1887	....
1st Mortgage (109 m.) "	636,000	7	May & Nov.	" "	1887	....
1st Mort. (Rockville Extension).	147,000	7	Feb. & Aug.	" "	1880	....
Evansville, Terre Haute & Chi.:						
1st Mortgage, gold.....	775,000	7*	May & Nov.	New York.	1900	....
2d Mortgage gold	325,000	7*	Jan. & July.	" "	1903	....
Fall River, Warren &Prov.(B&P):						
1st Mortgage..	200,000	7	Jan. & July.	Providence.	1882	....
Fitchburg:						
Bonds of 1874.....	500,000	7	April & Oct.	Boston.	1894	112¾
Bonds of 1877.....	500,000	6	" "	"	1897	107¾
Flint and Pere Marquette:						
1st Mort. Land Gr. (3d series)..	2,210,000	8	March & Sept.	New York.	1888	....
Flint & Holly S. F. ($25,000 p.y.)	425,000	10	May & Nov.	"	1888	....
1st Mort.(Bay C. & Saginaw)guar.	100,000	10	Jan. & July.	Newark.	1882	....
Bay County Bonds (guar.).....	75,000	10	March & Sept.	New York.	1887	....
1st Mort. skg.fd.(H., W.& Mon.)	1 900,000	8	Jan. & July.	" "	1901	....
Consolidated Sinking Fund.....	1,771,000	8	May & Nov.		1902	....
Construction Loan.....	280,406	8	Jan. & July.		1876	....

AMERICAN RAILROAD BOND LIST.

An Asterick (*) affixed to rate of interest signifies "Payable in Coin."

Description of Bonds.	Amount.	Rate.	Interest Payable. When.	Interest Payable. Where.	Due.	Price.
Florida	$					
1st Mortgage conv. gold	2,300,000	7*	Jan. & July.	N. Y. & Lond.	1889	....
Flushing, North Shore and Cent.:						
1st Mort. (Flush'g and N. Side.)	800,000	7	May & Nov.	New York.	1889	....
2d Mort. (" " ")	400,000	7	" "	" "	1900	....
1st Mort. (Central of L. I.)	1,000,000	7	Mar. & Sept.	" "	1902	....
1st Mort. (Cent. R. K. Exten.)	200,000	7	May and Nov.	" "	1903	....
1st Mort. (North Shore)	149,000	7	Feb. & Aug.	" "	1885	....
1st Mort. (Whitestone & W.)	93,000	7	Jan. & July.	" "	1898	....
1st Mort. (N. Y. & Flushing.)	25,000	7	Mar. & Sept.	" "	1880	....
Fonda, Johnsto'n & Gloversville:						
1st Mortgage	300,000	7	Jan. & July.	New York.	1890	....
Fort Wayne, Jackson & Saginaw:						
1st Mortgage, traffic guarantee	1,500,000	8	Jan. & July.	New York.	1889	42½
2d Mortgage (Equipment)	500,000	8	April & Oct.	" "	1881	....
Fort Wayne, Muncie & Cin.:						
1st Mortgage	1,800,000	7*	April & Oct.	Boston.	1899	....
2d Mortgage	500,000	8	" "	"	1896	....
Framingham and Lowell:						
1st Mortgage	500,000	7	April & Oct.	Boston.	1890	92
2d Mortgage	100 000	8	" "	"	1883	89
Frederick and Pennsylvania Line:						
1st Mortgage gold	150,000	6*	April & Oct.	Baltimore.	1901	....
Fremont, Elkhorn & Mo.(SC&P):						
1st Mortgage	600,000	7	April & Oct.	.....	1901	31
Galena & Chic. Union (C.&N.W.):						
1st Mortgage	1,892,000	7	Feb. & Aug.	New York.	1882	105½
Galv., Harrisburg & San Antonio.						
1st Mortgage	1,700,000	6*	Feb. & Aug.	Lond. or Bost.	1910	....
Galveston, Houston & Henderson:						
1st Mortgage	1,493,000	7*	Jan. & July.	New York.	1890	83½
Geneva, Ithaca and Athens:						
1st Mortgage, skg. fd., guar.	600,000	7*	Jan. and July.	New York.	1890	....
Georgia (and Banking):						
Company bonds (debentures)	850,000	7	Jan. & July.	Augusta	'75-'90	....
Gilman, Clinton & Springfield:						
1st Mortgage gold	2,000,000	7*	March & Sept.	N.Y. & Lond.	1900	....
2d Mortgage gold	1,000,000	8*	Jan. & July.	" "	1892	....
Goshen and Deckertown (Erie):						
1st Mortgage	246,500	7	Jan. & July.	New York.	1888	....
Grand Rapids & Indiana:						
1st Mortgage L. G. guar. gold	4,000,000	7*	Jan. & July.	New York.	1899	104
1st Mort. L. G. not guar. gold	3,224,000	7*	April & Oct.	"	1899	85
Grand River Valley (Mich. C.):						
1st Mort., assumed by Lessees	1,000,000	8	Jan. & July.	New York.	1886	101
2d Mortgage, guar. by Lessees	500,000	8	March & Sept.	" "	1879	94
Grand Trunk (Ca.):						
Equipment Bonds £500,000	2,500,000	6*	April & Oct.	London.	1877	....
Equipm't Bonds No. 2 £500,000	2,500,000	6*	Jan. & July.	"	1920	....
Postal & Military b'ds £1,200,000	6,000,000	6*	Feb. & Aug.	"	Perp.	....
1st Preference Bonds £3,218,149	16,090,745	5*	Jan. & July.	"	Irred.	....
2d Preference Bonds £2,327,808	11,639,040	4*	" "	"	"	....
3d Preference Bonds £7,163,910	35,819,550	4*	" "	"	"	....
Provincial Debentu's £3,111,500	15,557,500	...	.....	Ottawa.	....	....
Great Western of Canada						
Mortgage Bonds £127,000	635,000	6	Jan. & July.	London.	1876	....
Mortgage Bonds £547 000	2,735,000	5½	April & Oct.	"	'77-'78	....
New Bonds £1 000,000	5,000,000	6	June & Dec.	"	1890	....
Debenture Bonds £1,743,160	8,715,800	5	Jan. & July.	"	Perp.	....
Great Western Railway of 1859:						
1st Mort., ass'd by T., W. & W.	2,500,000	7	Feb. & Aug.	New York.	1888	106½
2d Mort., " "	2,500,000	7	May & Nov.	"	1893	86½
Green Bay and Minnesota:						
1st Mortgage	3,200,000	7*	Feb. & Aug.	.....	1900	....
Greenville and Columbia:						
1st Mortgage guar. by S. Car.	1,426,546	7	Jan. & July.	Columbia.	'81-'86	....
1st Mortgage not guaranteed	376,766	7	" "	"	'81-'86	....
Greenwich and Johnsonville:						
1st Mortgage	185,000	7	May & Nov.	New York.	1889	....
Gulf, Western Texas and Pacific:						
1st Mortgage (Construction)	1,336,000	7*	Jan. & July.	.....	1902	....
Hannibal and Naples(T.W.&W.):						
1st Mortgage	675,000	7	May & Nov.	New York.	1896	33
2d Mortgage	225,000	7	Jan. & July.	" "	1890	....
Hannibal & Cent. Mo.(T.W.&W)						
1st Mortgage, tax free	1,000,000	7	May & Nov.	New York.	1890	100
2d Mortgage	250,000	7	" "	" "	1892	70
Hannibal and St. Joseph:						
Missouri State Loan	1,500 000	6	Jan. & July.	New York.	'87-'94	105
Missouri State Loan	1,500 000	6	" "	" "	'87-'88	....
Fifteen years' bonds (277 m.)	4,000,000	8	March & Sept.	" "	1885	107½
1st Mort. (Q. & Palm. R.R. 15 m)	500,000	8	Feb. & Aug.	" "	1892	...
1st Mort. (K. City & Cam. R.R55m)	1,200,000	10	Jan. & July.	" "	1886	112
General Land Mortgage (277 m.)	.....	7	April & Oct.	" "	1888	...
Harlem Extension:						
1st Mortgage	4,000,000	7	Jan. & July.	New York.	1890	...
Harrisburg & Lancaster:						
1st Mortgage, guar. by Pa. R.R.	700,000	6	Jan. & July.	Philadelphia.	1883	107
Hartford, Providence and Fishkill:						
1st Mort. (R. I. 26.32 m.)skg fund	481,000	7	Jan. & July.	Providence.	1876	....
1st Mort. (Conn. 96.94 m.)skg f'd.	1,574,500	7	" "	Hartford.	1876	....
Holly, Wayne & Monroe(F&PM):						
1st Mortgage guar., tax free	1,000,000	8	Jan. & July.	New York.	1901	....
Holyoke and Westfield:						
1st Mortgage	0,000	7	April & Oct.	Boston.	1891	....
Housatonic:						
2d Mortgage	100,000	7	Feb. & Aug.	New York	1885	....
3d Mortgage of 1868	300 000	6	April & Oct.	Brist. & Bost	1889	....
Equipment Bonds	153,000	7	....	Bridgeport.	1883	....
Houston and Texas Central:						
1st Mortgage L.G. skg fund, guid.	6,227,000	7*	Jan. & July.	New York	1891	99
1st Mortgage (Western Div.)	2,875,000	7*	" "	" "	189	92½
1st Mort. (Waco & N.W. Div.)	940,500	7	" "	" "	1903	92½
Income and Indemnity bonds	1,359,500	7	.....	.....	....	....
Consolidated Mortgage	2,864,000	6	April & Oct.	" "	1912	82

Description of Bonds.	Amount.	Rate.	Interest Payable. When.	Interest Payable. Where.	Due.	Price.
Huntingdon and Broad Top Mt.:	$					
1st Mortgage gold	416,000	7*	April & Oct.	Philadelphia	1890	111
2d Mortgage	267,500	7*	Feb. & Aug.	"	1895	104
Consolidated Mortgage	1,383,000	7	April & Oct.	"	1895	33½
Illinois Central:						
Redemption bonds, currency	2,500,000	6	April & Oct.	New York.	1890	....
Sterling Bonds, £500,000	2,500,000	6*	" "	London.	1895	....
Sterling Bonds, Sinking Fund	4,393,000	5*	" "	"	1903	....
Sterling Bonds, £200,000	1,000,000	5*	June & Dec.	"	1905	....
Illinois Grand Trunk (C.,B. & Q.):						
1st Mortgage guaranteed	900,500	8	April & Oct.	Boston.	1890	113½
Indiana and Illinois Central:						
1st Mortgage gold	3,500,000	7*	Jan. & July.	New York.	1901	....
Indiana North and South:						
1st Mort.(Nor.Div.) $22,000 p.m.	1,700,000	7*	March & Sept.	New York.	1903	....
Indianapolis, Blooming. & West.:						
1st Mortgage gold	5,000,000	7*	April & Oct.	New York.	1909	34
1st Mortgage Extension gold	5,500,000	7*	Jan. & July.	" "	1912	....
2d Mortgage	1,500,000	8	" "	" "	1890	2
Indianapolis and Madison:						
1st Mort. assumed by J.,M. &I.	397,000	7	May & Nov.	New York.	1881	....
Indianapolis & Vincennes:						
1st Mortgage guar. by Pa. R. R.	1,700,000	7	Feb. & Aug.	New York.	1908	....
2d Mortgage guar. by Pa. R. R.	1,450,000	6	May & Nov.	" "	1900	....
International and Gt. Northern:						
1st Mortgage s.f. (Intern. R. R.)	3,040 000	7*	April & Oct.	New York.	1911	81
Convertible B'ds(" ")	1,473,000	8	Feb. & Aug.	" "	1892	....
1st Mortgage(Hous.&Gt.N.RR.)	4,211,000	7'	Jan. & July.	" "	1900	81
Convert.B'ds(" ")	1,677,000	8	Feb. & Aug.	" "	1892	22
Indianapolis, Cin. and Lafayette:						
1st Mortgage of 1867	2,800,000	7	Feb. & Aug.	New York.	1897	....
1st Mortgage of 1869	2,000,000	7	June & Dec.	" "	1899	....
Funded Interest Bonds, coupon.	469,100	7	March & Sept.	" "	'78-'83	....
Equipment Bonds, registered	376,000	10	" "	"	1883	86½
1st Mort. (Ind'polis & Cin.) 1858.	1,600 000	7	April & Oct	" "	1888	...
1st Mort. (Cin. & Indiana)	499,000	7	June & Dec.	" "	1892	....
2d Mort.(" ")guar.	1,497,000	7	Jan. & July.	" "	'77-'82	....
Indianapolis and St. Louis:						
1st Mortgage		7	Jan. & July.	New York.	1919	68
1st Mortgage	2,000,000	7	March & Sept.	" "	1919	....
1st Mortgage		7	April & Oct.	" "	1919	....
2d Mortgage	1,000,000	7	" "	" "	1900	....
Equipment Mortgage	378,000	10	Jan. & July.	" "	1881	....
Ionia and Lak[illegible] D.,L.&L.M.):						
1st Mortgage[illegible] Bar	770.000	8	Jan. & July.	New York.	1890	110
2d Mortgage	81,000	8	May & Nov.	" "	1886	....
Iowa Falls and Sioux City.						
1st Mortgage	2,960,000	7	April & Oct.	New York.	1917	106½
Iowa Midland (C. & N. W.):						
1st Mort., $18,000 p.m., guar.	1,350,000	8	April & Oct.	New York.	1900	113½
Ironton (Penna.)						
1st Mortgage	100,000	7	May & Nov.	Philadelphia.	1875	....
Ithaca and Athens (Penn.):						
1st Mortgage gold, skg fund	600,000	7*	Jan. & July.	New York.	1890	107
Jackson, Lansing & Saginaw(MC):						
1st Mortgage guar	1,277,000	8	Jan. & July.	New York.	1885	....
1st Mort. (Northern Ext.) guar.	687,000	8	May & Nov.	" "	1890	....
Consolidated Mortgage (236 m.)	2,001,000	8	March & Sept.	" "	1891	....
Jacksonville, North West & S. East:						
1st Mortgage	610,000	7*	Jan. & July	New York.	1902	....
Jacksonville, Pensac. and Mobile:						
1st Mortgage	472,000	7	Jan. & July.	New York.	1880	....
2d Mortgage	3,000,000	8	" "	" "	1899	....
Jamest'n & Frank. (L.S.& M.So.):						
1st Mortgage guaranteed	433,000	7	Jan. & July.	New York.	1897	...
2d Mortgage guaranteed	500,000	7	June & Dec.	" "	1894	....
Jefferson (Erie):						
1st Mort. (Hawley Section)	204,000	7	Jan. & July.	New York.	1887	97
2d Mort. (")	84,000	7	" "	" "	1889	....
1st Mort. (Carbondale Section)	2,000,000	7	" "	" "	1889	....
Jeffersonville, Madison & Indian.:						
1st Mortgage consol	2,474,000	7	April & Oct.	New York.	1906	....
2d Mortgage consol	2,000,000	7	Jan. & July.	" "	1910	....
1st Mortgage (Ind & Mad.)guar.	397,000	7	May & Nov.	" "	1881	....
Jersey City and Albany:						
1st Mortgage	250,000	7*	Jan. & July.	New York.	1913	....
1st Mortgage (Ridgefield Park)	300,000	7	May & Nov.	" "	1912	....
Joliet and Chicago (C. & Alton):						
1st Mortgage skg fund guar.	336,000	8	Jan. & July.	New York.	1882	106½
Junction, Philadelphia:						
1st Mortgage, guaranteed	500,000	6	Jan. & July.	Philadelphia.	1882	108
2d Mortgage not guaranteed	300,000	6	April & Oct.	"	1900	103½
Junction and Breakwater:						
1st Mort. guar. by Delaware	352,000	6	Jan. & July.	New York.	1890	....
Kalamazoo, Allegan& Gr. Rapids:						
1st Mort. assumed by L.S.&M.So.	840,000	8	Jan. & July.	New York.	1888	95
Kalamazoo and Schoolcraft:						
1st Mort. assumed by L.S.& M.S.	100,000	8	Jan. & July.	New York.	1887	....
Kalamazoo, & S Haven (M.Cen.):						
1st Mortgage guar. by lessees	640,000	8	May & Nov.	New York.	1889	99½
2d Mortgage "	70,000	8	" "	" "	1889	...
Kalamazoo & White Pigeon						
1st Mort. assumed by L.S.& M.S.	400,000	7	Jan. & July.	New York.	1890	100
Kansas City and Cameron:						
1st Mort., ass'd by Han. & St.Jo.	1,200,000	10	Jan. & July.	New York.	1886	109½
Kan. City, St. Jo. & Coun. Bluffs:						
1st Mort. (C. B. & St. Jo. 52 m.)	500,000	7	Jan. and July.	N. Y. & Bost.	1880	100
2d Mort. (" " ")	150,000	10	" "	" "	1878	....
1st Mort.(St.Jo.&CB.78 m)conv.	1,400,000	10	March & Sept.	"	1892	....
1st Mort. (Mo. Valley 130 m.)	1,500,000	7	Feb. & Aug.	New York.	1893	....
1st Mort. (" ")gld	1,000,000	7*	" "	" "	1893	....
Consolidated Mort. (206m.)conv.	887,000	7	March & Sept.	" "	1890	84
New Consol. Mort. for $8,000,000	947,000	8	Feb. & Aug.	Boston.	....	....
Kansas City & Santa Fe (L.L.&G)						
1st Mortgage for $2,000,000	720,000	10	May & Nov.	Boston	1890	....

AMERICAN RAILROAD BOND LIST.

An Asterick (*) fixed to rate of interest signifies "Payable in Coin."

Description of Bonds.	Amount.	Rate.	Interest Payable. When.	Interest Payable. Where.	Due.	Price.
Kansas Pacific:	$					
1st Mort. (1st Div. 140 m.) gold..	2,240,000	6*	Feb. & Aug.	N. Y. & St. Lo.	1895	114½
1st Mort. (2d Div. 253.94 m.)gold	4,063 000	6*	June & Dec.	" "	1896	117½
1st M.(3dD.244.66m.& 3,000,000a)	6,411,000	7*	May & Nov.	N. Y. L. & F.	1899	111¼
1st Mort. (1,000,000 acres).....	—....	7	March & Sept.	N. Y. & St. Lo.	'71-'76	....
1st Mort. (2,000,000 acres)gold...	1,722,250	7*	Jan. & July.	N. Y., L. & F.	1880	112
2d Mort. (")gold...	1 500,000	7*	March & Sept.	" "	1886	92½
1st Mort. (Leavenworth Branch)	600,000	7	May & Nov.	N. Y. & St. Lo.	1896	....
2d Mortgage (Gov't Subsidy)....	6,303,000	6	Jan. & July.	U. S. Treas.	'95-'97	....
3d Mortgage (Income).....	4,275,350	7	March & Sept.	N. Y., L. & F.	1916	59¼
Kent County (Del.)						
1st Mortgage for $600,000.....	400,000	6	Jan. & July.	Philadelphia.	1880	....
Kentucky Central:						
2d Mort.(Cov'gton & Lexington)	844,000	7	March & Sept.	New York.	1883	....
3d Mortgage.....	237,000	7	June & Dec.	" "	1885	....
Keokuk and Des Moines:						
1st Mortgage.....	1,947,000	7	April & Oct.	New York.	1904	91
Funded Interest.....	254,300	8	" "	" "	1884	....
Keokuk and St. Paul (C.B.& Q.):						
1st Mortgage traffic guar.....	317,000	8	April & Oct.	Boston.	1879	100¼
La Crosse, Trempeleau & Prescott:						
1st Mort. assumed by C. & N. W.	1,000,000	10	April & Oct.	New York.	1878	....
Laf., Blooming. & Miss.(T W & W):						
1st Mortgage gold guar.....	1,300,000	7*	Feb. & Aug.	New York.	1891	70
Laf., Muncie & Bloom.(T W & W):						
1st Mortgage gold guar.....	1,500,000	7*	Feb. & Aug.	New York.	1901	40
Lake Erie and Louisville:						
1st Mortgage	1.092,000	7	April & Oct.	New York.	1892	....
2d Mortgage.....	590,000	7	Jan. & July.	" "	1903	....
Lake Ontario Shore:						
1st Mortgage ($20,000 pr. m.)...	1,438,200	7*	Jan. & July.	New York.	1897	....
Lake Shore & Michigan South'n.:						
Sinking Fund Mortgage.....	888,000	7	April & Oct.	New York.	1879	....
Consol. Mort., S.F., Regist'd..	7,925,000	7	J. A. J. & O.	" "	1900	117
Consol. Mort., S.F., Coupon..			Jan. & July.	" "	1900	118
2d Consol. Mort. for $25,000,000.	9,206,000	7	June & Dec.	" "	1903	110¼
Bonds of 1882 (Reg. & Coupon)	3,234,000	7	April & Oct.	" "	1882	...
Lake Shore Dividend Bonds....	1,393,000	7	" "	" "	1899	113
Reg. Mort. (Clev., Pain. & Ash.)	1,000,000	7	Jan. & July.	" "	1880	..
3d Mort. (" ")	1,000,000	7	April & Oct.	" "	1892	...
1st Mort. (Mich. S. & Nor. Ind.)	5,256,000	7	May & Nov.	" "	1886	....
2d Mort. (" ")	.....	7	" "	" "	1877	....
1st Mort. (Cleveland & Toledo)	1,595,000	7	Jan. & July.	" "	1885	....
2d Mort. (" ")	819,000	7	April & Oct.	" "	1886	...
Mort. Bonds (Buffalo and Erie)	200,000	7	Jan. & July.	" "	1882	....
Mort. Bonds (" ")	300,000	7	March & Sept.	" "	1886	....
Mort. Bonds (" ")	2,844,800	7	April & Oct.	" "	1898	....
1st M. (Detr't, Monroe & Toledo)	924,000	7	Feb. & Aug.	" "	1906	.
1st M. (Kalam. & White Pigeon)	400,000	7	Jan. & July.	" "	1890	....
1st M. (School. & Three Rivers)	100,000	8	" "	" "	1887	....
1st M. (Kalamaz. & Schoolcraft)	100,000	8	" "	" "	1887	....
1st M. (Kal., Allegan & Gr. Rap.)	840,000	8	" "	" "	1858	....
1st M. (Jamestown & Franklin)	422,000	7	" "	" "	var	....
2d M. (" ")	500,000	7	June & Dec.	" "	1894	....
Lake Shore & Tuscarawas Valley:						
1st Mortgage gold.....	2,000,000	7*	April & Oct.	Cleveland, O.	1901	....
2d Mortgage, for $1,000,000.....	696,000	7	.....	" "	....	....
Elyria and Black Riv. b'ds ass'd	180,000	7	May & Nov	" "	1892	....
Lake Superior & Mississippi:						
1st Mort. skg fund gold tax free.	4,500,000	7*	Jan. & July.	N.Y.-Bost.-Ph.	1896	20½
2d Mort. gold tax free and conv.	3,200,000	7*	April & Oct.	" " "	1900	....
Income Bonds.....	3,200,000	10	" "	" " "	1902	....
Lawrence (P. Ft. W. & Chi.):						
1st Mortgage, guaranteed.....	355,000	7	Feb. & Aug.	New York.	1895	....
Leavenworth, Atch. & N. West'n:						
1st Mort. guar. by Pac. of Mo...	500,000	7	April & Oct.	New York.	1899	....
Leaven., Lawrence & Galveston:						
1st Mort. skg fund conv., gold...	5,000,000	10	Jan. & July.	N. Y. & Bost.	1899	25
1st Mort.(K. C. & San. Fe)guar.	720,000	10	May & Nov.	Boston.	1890	....
1st Mort. (Southern Kan.) guar.	160,000	8	June & Dec.	"	1891	....
Lehigh and Lackawanna:						
1st Mortgage tax free.....	300,000	7	Feb. & Aug.	Philadelphia.	1897	..
Lehigh Valley:						
1st Mortgage (new loan).....	5,000,000	6	June & Dec.	Philadelphia.	1898	112
1st Mortgage (")reg...		6	" "	"	1898	113
2d Mortgage for $6,000,000	6,000,000	7	March & Sept.	"	1910	118
General Mort. for $40,000,000.	13,382,000	6*	June & Dec.	"	1923	102
General Mort., registered....		6*	" "	"	1923	102
Lewisb. Centre & Spruce C.(P. & E):						
1st Mortgage.....	1,545,000	7	May & Nov.	Philadelphia.	1902	....
Lexington & St. Louis (A. & P.):						
1st Mortgage gold	900,000	6*	June & Dec.	New York.	1899	....
Little Miami:						
1st Mortgage.....	1,490,000	6	May & Nov.	New York.	1883	97½
Street Connection Bonds.....	525,000	6	Jan. & July.	Cincinnati.	1894	....
Cincinnati Loan.....	100,000	6	May & Nov.	"	1880	.. ..
Little Rock and Fort Smith:						
1st Mortgage gold.....	3,500,000	6*	Jan. & July.	N. Y. & Bost.	1900	52
Land Grant sinking fund.....	2,000,000	7	" "	" "	1905	51
Little Rock, Pine Bl. & N. Orleans:						
1st Mortgage.....	750,000	7	Apr. and Oct.	New York.	1900	4
Little Schuylkill (Phila. & Rdg.):						
1st Mortgage, Skg. Fd.....	759,500	7	Apr. and Oct.	Philadelphia.	1877	101
Logansport, Crawf. & S'wstn Ind.:						
1st Mortgage gold.....	1,500,000	8*	F. M. A. & N.	New York.	1900	....
Long Island:						
1st Mortgage.....	500,000	6	Jan. & July.	New York.	1871	....
1st Mortgage (Extension)	175,000	7	Feb. & Aug.	Philadelphia.	1890	....
1st Mortgage (Glen Cove Br.)...	150,000	6	May & Nov.	"	1893	....
General Mortgage.....	775,000	7	" "	New York.	1899	100
Louisiana & Mo. Riv. (Ch. & Al).						
1st Mortgage.....	1,854,000	7	Feb. & Aug	New York.	1900	104½
Louisville, Paducah and S. W.:						
1st Mortgage.....	3,000,000	8	March & Sept	New York.	1890	....
2d Mortgage	900,000	7	May & Nov.	" "	1900	....

Description of Bonds.	Amount.	Rate.	Interest Payable. When.	Interest Payable. Where.	Due.	Price.
Louisville, Cincin. and Lexington:	$					
Bonds to State of Kentucky....	74,519	6	Jan. & July.	New York.	Perp.	....
1st Mortgage for Cincinnati Br..	3,000,000	7	" "	" "	1897	....
2d Mortgage for $1,000,000.....	873,000	8	April & Oct.	" "	1900	....
Louisville Loan.....	103,000	6	Jan. & July	" "	1881	....
1st Mort. (Louisville & Frankf't)	39,000	6	" "	" "	'73-'76	....
1st Mort. (Louis., Cin. and Lex.)	21,000	8	April & Oct.	" "	1902	....
1st Mortgage (Shelby R. R.).....	88,500	8	June & Dec.	" "	1881	....
Louisville and Nashville:						
Ten Year Mortgage Gold bonds	2,000,000	7*	May & Nov.	New York.	1883	103
Mort. main office lot & buildin.	80,000	7	" "	Louisville.	1883	....
1st Mort. (Leb. Br. Ext. 73.2m.).	88,000	7	" "	"	'80-'85	....
1st Mort. (Memphis and Ohio)..	3,500,000	7	June & Dec.	New York.	1901	....
1st Mort. (Memp. & Clarksv. Br.)	2,389,710	6*	Feb. & Aug.	" "	1902	...
Consol. M. for $5,000,000(392 m.).	7,109,000	7	April & Oct.	" "	1898	108¼
Louisville Loan.....	849,000	6	" "	" "	'86-'87	....
Louisville Loan (Lebanon Br.).	225,000	6	May & Nov.	" "	1886	....
Louisv. Loan (Leb. Br. Exten.)	335,000	6	April & Oct.	Louisville.	1893	99¼
Louisv., N. Al. & St. Lo. Air-Line:						
1st Mortgage gold, $25,000 p. m..	2,875,000	7*	Jan. & July.	New York.	1892	....
Macon and Augusta:						
1st Mortgage end. by Ga. R. R..	300,000	7	Jan. & July.	New York.	1877	....
1st Mortgage not endorsed.....	100,000	7	" "	" "	1887	....
Construct. Mort. end. by Ga. R.R.	370,000	7	" "	" "	1879	....
Macon and Brunswick.						
1st Mort. endorsed by Ga.....	1,900,000	7	Jan. & July.	New York.	1887	....
1st Mort. " "	600,000	7	May & Nov.	" "	1900	....
2d Mortgage.....	1,100,000	7	April & Oct.	" "	1889	....
Equipment Mortgage.....	150,000	7	" "	" "	1879	....
Madison and Portage:						
1st Mort., guar. by Chi. and Sup.	600,000	7o	April & Oct.	New York.	1890	....
Maine Central:						
Consolidated Mortgage.....	2,796,500	7	April & Oct.	Boston.	1912	89¼
$1,100,000 Loan, tax free.....	756 960	6	Jan. & July.	"	1898	91
Extension (gold) Loan.....	496,500	6	April & Oct.	"	1900	....
1st Mort. (Belfast & Moosehead)	150 000	3*	May & Nov.	Belfast & Bost.	1890	....
$1,100,000 (A. & Ken.) Loan....	1,100,000	6	Jan. and July.	Boston.	'90-'91	96
1st Mortgage (Portland & Ken.)	217,300	6	April & Oct.	Augusta.	1885	....
Consol. (Port. & Kennebec.) Loan	1,166,700	6	" "	Boston.	1895	93¼
2d Mort. (Somerset & Kennebec)	260,000	6	June & Dec.	"	1876	....
1st Mort. (Leeds & Farm'gton).	633,000	6	Jan. & July.	"	1901	....
Bath (Androscoggin) Loan.....	425,000	6	" "	"	1891	....
Mansfield & Framing. (B.C. & F.):						
1st Mortgage, guaranteed.....	300,000	7	Jan. & July.	Boston.	1880	95
Marietta and Cincinnati:						
1st Mortgage, Sterling.....	1,050,000	7*	Feb. & Aug.	London.	1891	80
1st Mortgage Dollar.....	2,450,000	7	" "	Baltimore.	1891	84
2d Mortgage Dollar.....	2,500 000	7	May & Nov.	"	1896	37½
3d Mortgage Dollar	3,000,000	8	Jan. & July.	"	1900	12½
4th Mortgage.....	2,004,000	8	April & Oct.	"	1908	....
1st Mort. (Scioto & Hock. Val.).	300,000	7	May & Nov.	"	1888	....
Marietta, Pittsburg & Cleveland:						
1st Mortgage gold.....	1,500,000	7*	Feb & Aug.	New York.	1895	....
Marquette, Houghton & Ontonagon:						
1st Mortgage (Marq. & Ont.)..	1,700,000	8	Jun. & Dec.	New York.	1893	99¼
1st Mort. (Houghton and Ont.).	2,000,000	8	Jan. & July.	" "	1893	....
Consolidated Mortgage.....	1,454,000	8-10	Various.	" "	92-'03	....
Massawippi Valley (C. & P. R.):						
1st Mortgage guaranteed.....	400,000	6*	Jan. & July.	Boston.	1889	90
Maryland and Delaware:						
1st Mortgage.....	850,000	6	May & Nov.	Boston.	1885	...
2d Mortgage.....	150,000	6	June & Dec.	"	1889	....
Massillon & Cleve. (C.M. V. & D.)						
1st Mortgage guaranteed, gold..	100,000	7*	Jan. & July.	New York.	1890	....
Maysville and Lexington:						
1st Mortgage.....	500,000	7*	Jan. & July.	New York.	1899	....
Memphis and Charleston:						
1st Mortgage, Convertible.....	1,293,000	7	March & Sept.	New York.	1880	99¼
2d Mortgage.....	1,000,000	7	Jan. & July.	" "	1885	....
Tennessee State Loan.....	1,814,142	6	" "	" "	....	....
Income Bonds.....	600,000	10	March & Sept.	" "	'73-'78	....
Memphis and Little Rock:						
1st Mortgage (Land Grant).....	1,300,000	8	May & Nov.	New York.	1890	....
2d Mortgage.....	1,000,000	8	.....	" "	....	....
Michigan Air Line (Mich. Cent.):						
1st Mort.(South Bend Div.)assud	300,000	8	May and Nov.	New York.	1890	100
Michigan Central:						
1st Mortgage, convertible.....	556,000	8	April & Oct.	Boston.	1882	....
1st Mortgage sinking fund conv.	2,179,000	8	" "	"	1882	111¼
Consol. Mortgage for $10,000,000	3,000,000	7	May & Nov.	New York.	1902	115¼
1st Mort. (Mich. Air Line)assu'd	1,900,000	8	Jan. & July.	" "	1890	105
Equipment Bonds for $800,000..	556,000	8	Apr. and Oct.	N. Y. & Bost.	1883	....
Michigan Lake Shore:						
1st Mortgage.....	800,000	8	Jan. & July.	New York.	1889	....
Mich. So. and North'n Indiana:						
1st Mort. assum'd by L.S. & M.S.	5,256,000	7	May & Nov.	New York.	1885	112
2d Mort. " "	.....	7	" "	" "	1877	....
Middletown, Unionv. & W. Gap:						
1st Mortgage tax free	400,000	7	May & Nov.	New York.	1886	....
Midland of Canada:						
1st Mortgage sterling £335,000..	1,675,000	6*	May & Nov.	London	1896	....
Midland Pacific:						
1st Mortgage gold, tax free.....	1,100,000	7*	Feb. & Aug.	New York.	1899	....
Mifflin and Centre Co. (Pa.):						
1st Mortgage.....	200,000	6	Feb. & Aug.	Philadelphia.	1897	....
Milwaukee and St. Paul—						
See Chicago, Mil. & St. Paul						
Milwaukee, Lake Sh & Western:						
1st Mortgage.....	3,000,000	7	June & Dec.	New York.	1902	....
Milwaukee and Northern						
1st Mortgage.....	1,625,000	8	June & Dec.	New York.	1890	....
Mineral Point:						
1st Mortgage.....	220,000	10	Jan. & July.	Detroit	1890	....
Minneapolis & Duluth (L.S. & M.)						
1st Mortgage gvid, guaranteed..	400,000	7	Apr. and Oct.	New York.	1911	....

AMERICAN RAILROAD BOND LIST.

An Asterick (*) affixed to rate of interest signifies "Payable in Coin."

Description of Bonds.	Amount.	Rate.	Interest Payable. When.	Interest Payable. Where.	Due.	Price.
Minneapolis & St. L. (B., C. R. & N.):	$					
1st Mortgage gold, guaranteed..	150,000	7*	Jan. & July.	New York.	1911	88
Minnesota and North Western:						
1st Mort. gold, skg fd & tax free	20,000pm	7*	Jan. & July.	Detroit.	1890	....
Mississippi Cent. (N.O.St.L.&Chi.):						
1st Mortgage	1,012,500	7	May & Nov.	New York.	'74-'84	....
2d Mortgage	2,000,000	8	Feb. & Aug.	" "	1886	....
General Mort. for $8,000,000 gold	3,708,500	7*	May & Nov.	" "	1912	....
Mississippi, Ouachita & Red Riv.:						
1st Mortgage gold	2,040,000	7*	Jan. & July.	.....	1900	....
Mississippi and Tennessee:						
1st Mortgage, Series A	1,000,000	8	April & Oct.	Memphis.	1902	....
2d Mortgage, Series B	1,100,000	8	Jan. & July.	"	1902	....
Mississippi Valley and Western:						
1st Mortgage $20,000 p. m.	800,000	7	Feb. & Aug.	New York.	1902	....
Missouri, Iowa and Nebraska:						
1st Mortgage gold, sinking fund.	2,000,000	7*	June & Dec.	.....	1910	....
Missouri, Kansas and Texas:						
1st Mort. (U. Pac. S. Br.) skg fund	2,815,000	6*	Jan. & July.	New York.	1899	....
1st Mort. (Tebo & Neosho) S. F..	349,000	7*	June & Dec.	" "	1903	....
Consol. Land Grant, skg fd gold	10,418,000	.*	Feb. & Aug.	" "	1904	62½
First Additional Consol. Mort..	2,500,000	7	" "	" "	1905	....
Second Add. Consol. Mort.....	1,184,000	7	" "	" "	1906	29½
Third Additional Consol. Mort..	600,000	7	" "	" "	1905	....
Missouri River, Ft. Scott & Gulf:						
1st Mortgage, Land Grant, S. F.	5,000,000	10	Jan. & July.	New York.	1889	83
2d Mortgage	2,000,000	10	April & Oct.	N. Y. & Bost.	1890	....
Mobile and Girard.						
1st Mortgage	377,500	7	Jan. & July.	Savannah.	1876	....
2d Mort. end. by Cent. R. R. of Ga.	300,000	8	" "	New York.	1889	....
Plain bonds	33,500	8	" "	Savannah.	1887	....
Mobile and Montgomery:						
1st Mort. endor. by State of Ala.	2,434,000	8*	May & Nov.	New York.	1900	....
2d Mortgage	800,000	8	" "	" "	1900	....
Mobile and Ohio:						
1st Mortgage Sterling	5,686 000	6* / 8*	May & Nov.	Mob. & Lond.	1883	....
Interest bonds	1,524,300	8	" "	Mobile.	'76-'83	....
Sterling Interest bonds	769,920	6*	" "	London.	1883	....
Tennessee Substitution Bonds..	1,688,000	7*	Jan. & July.	N.Y. & Lond.	1901	....
Special Mort. (Gainesville Br'h)	53,000	8	May & Nov.	Mobile.	...	....
2d Mortgage	1,453,858	8	March.	"	1877	....
Consol. Mort. for $15,000,000	.....	7*	Jan. & July.	N.Y. & Lond.	1904	....
Convertible 8 per cent. bonds..	977,550	8	M. J. S. & D.	New York.	....	....
Montclair (N. Y. and O. Mid.):						
1st Mortgage gold, guar.	1,800,000	7*	March & Sept.	New York.	....	....
2d Mortgage	750,000	7	.....	" "	....	....
Income Mortgage	888,400	7	.....	" "	....	....
Montgomery and Erie (Erie):						
1st Mortgage	127,900	7	May & Nov.	New York.	1888	....
2d "	47,000	7	April & Oct.	" "	1887	....
Montgomery and Eufaula:						
1st Mortgage end. by Ala. gold.	1,040,000	8*	March & Sept.	New York.	1886	....
1st Mortgage not endorsed	330,000	8	June and Dec.	" "	1900	....
Monticello and Port Jervis:						
1st Mortgage gold, tax free	500,000	7*	J. A. J. & O.	New York.	1890	....
Morris and Essex (D. L. & W.):						
1st Mortgage sinking fund, guar.	5,000,000	7	May & Nov.	New York.	1914	122
2d Mortgage guar.	3,000,000	7	Feb. & Aug	" "	1891	111
Convertible bonds	384,000	7	Jan. & July.	" "	1900	82
Construction bonds	573,000	7	Feb. and Aug.	" "	1889	86
Gen'l M. (1st on Boonton Br.) gr.	4,991,000	7	April & Oct.	" "	1901	106
Special Mortgage	1,025,000	7	.....	" "	....	....
Consol. mort. for $25,000,000 guar	3,259,000	7	June & Dec.	" "	1915	95
Nashville, Chattanooga & St. Louis:						
1st Mort., endorsed by Tenn.	1,100,000	6	Jan. & July.	New York.	'74-'83	....
2d Mort. (Held by U. S. Gov.)..	1,000,000	4	" "	"	'81-'91	....
New Mortgage	4,700,000	7	" "	"	1913	98½
Nashville and Decatur (L. & Nash.):						
1st Mortgage sinking fund, guar.	1,900,000	7	Jan. & July.	New York.	1900	105
2d Mortgage gold	206,000	6*	April & Oct.	Nashville.	1887	....
Nashua and Lowell.						
Bonds for freight depot	200,000	6*	Feb. & Aug.	Boston.	1892	103½
Newark & New York (C. of N.J.)						
1st Mortgage guar.	600,000	7	Jan. & July.	New York.	1891	....
Newark, Somerset & Straitsville:						
1st Mortgage gold	800,000	7*	May & Nov.	New York.	1889	98
New Bedford:						
1st Mort. (New Bed. & Taunton)	171,500	6	Jan. & July.	Boston.	1881	98½
New Issue for $360 000	400,000	7	" "	"	1894	105
New Haven and Derby:						
1st Mortgage	525 000	7	Various.	New Haven.	'98-'00	....
New H., Middlet'n & Williman.:						
1st Mortgage (coup. & reg)	3,000,000	7	May & Nov.	New York.	1889	....
2d Mortgage	2,000,000	7	.....	" "	1881	....
New Haven and Northampton:						
1st Mortgage	1 000,000	7	Jan. & July.	N. Y. & N. H.	1899	....
Convertible bonds, tax free	750,000	6	April & Oct.	" "	'80-'82	....
Holyoke and Westfield bonds..	200,000	7	" "	" "	1891	....
New Jersey Midland (N.Y. & O.M.):						
1st Mortgage gold, guar.	3,000,000	7*	Feb. & Aug.	New York.	1895	....
2d Mortgage	1,500,000	7	" "	"	1881	....
New Jersey and New York:						
1st Mortgage	500,000	7*	March & Sept.	N.Y. & Lond	1893	....
New Jersey Southern:						
1st Mortgage	2,000,000	7	May & Nov.	New York	1889	38
1st Mort. (Tom's River Branch)	120,000	6	April & Oct.	"	1888	....
2d Mortgage	1,000,000	7	March & Sept.	"	1881	....
Consol. Mort. for $7,000 000	5,300,000	7	April & Oct.	"	1908	....
Income Mortgage	710,000	7	" "	"	1881	....
New Jersey Western Line						
1st Mort. gold, for $3,000 000	1,300,000	7*	May & Nov.	New York.	1900	....
New London Northern (Con. Vt.):						
1st Mortgage	300,000	6	April & Oct.	New York.	1885	104
2d Mortgage	600,000	7	June and Dec.		1892	....

Description of Bonds.	Amount.	Rate.	Interest Payable. When.	Interest Payable. Where.	Due.	Price.
N.O., Jack. & Gt. N. (N.O.St.L.&C.):	$					
1st Mortgage	3,000,000	8	Jan. & July.	New York.	1886	....
2d Mortgage for $3,000,000	1,500,000	8	April & Oct.	" "	1890	....
New Orleans, Mobile and Texas:						
1st Mort. (Mobile to N. Orleans)	4,000,000	7*	Jan. & July.	N. Y. & Lond.	1915	....
1st Mort. (N. Orleans to Texas)	7,250,000	8	" "	New York.	1915	....
2d Mort. endorsed by Louisiana.	2,825,000	8	" "	" "	1915	....
New York, Boston and Montreal:						
1st Mortgage for $12,250,000	6,250,000	7*	Feb. & Aug.	N.Y. or Lond.	1889	....
New York & Canada (D. & H. C.):						
1st Mort. for £800,000, guar.	4,000,000	6*	May & Nov.	London.	1904	....
New York Central & Hudson R.:						
Debt Certificates (N. Y. Cent.)	6,632,900	6	May & Nov.	New York.	1883	100½
Bonds for B. & N. F. stk (")	74,500	6	May & Nov.	" "	1883	....
Bonds for R. R. Stocks (")	592,000	6	" "	" "	1883	104
Bonds for Real Estate (")	162,000	6	" "	" "	1883	103
Bonds of 1854 renewed (")	2,391,300	6	June & Dec.	" "	1887	107½
2d Mort. (Hudson River) S. F..	1,794,000	7	" "	" "	1885	110
Bonds of 1871, tax free	1,950,000	7	April & Oct.	" "	1891	....
1st Mort., coup. / 1st Mort., reg'd } for $30,000,000	18,465,000	7 / 7	Jan. & July. / " "	" " / " "	1903	123½ / 122½
1st Mort. Sterling for £2,000,000	9,733,333	6*	" "	London.	1903	....
New York and Harlem:						
Sinking Fund Mortgage of 1861.	107,704	7	Jan. & July.	New York.	1881	....
Consol. Mort. of 1872, coupon. / Consol. Mort. of 1872, reg... }	10,500,000	7 / 7	May & Nov. / " "	" " / " "	1900	123 / 124
New York Elevated:						
1st Mortgage	7,000,000	7	Jan. & July.	New York.	1906	114½
N. York, Housatonic & Northern:						
1st Mortgage	1,500,000	7*	April & Oct.	New York.	1902	....
New York, Kingston & Syracuse:						
1st Mort. for $4,000,000	2,500,000	7*	Jan. & July.	New York	1902	....
New York, N. Haven & Hartford:						
1st Mort. (Harlem & Portchester)	2,000,000	7	.....	New York.	1903	....
New York and New England:						
1st mortgage, old	.....	7	March & Sept.	Boston.	1884	....
1st mortgage, new	400,000	7	Jan. & July.	"	1905	105½
New York and Oswego Midland:						
1st Mortgage gold, tax free	8,000,000	7*	Jan. & July.	New York.	1894	....
2d Mortgage convertible	2,500,000	7	May & Nov.	"	1895	....
2d Mortgage non-convertible	1,500,000	7	" "	"	1896	....
3d Mort., Equipment	3,800,000	7	.....	"	....	....
1st Mort., (West. Extension)	2,425,000	7	.....	"	....	....
Consolidated Mortgage	1,200,000	7	.....	"	....	....
New York, Providence & Boston:						
Extension Bonds	50,000	6	May & Nov.	New York.	'78-'81	....
General Mort. for $1,000,000	1,000,000	7	Jan. & July.	"	1899	118½
Norfolk & Petersburg (A.M. & O.):						
1st Mortgage	306,000	8	Jan. & July.	New York.	1877	....
1st Mortgage	157,000	7	" "	" "	1877	65
2d Mortgage	454,000	8	" "	Norfolk.	1893	93½
North Carolina:						
1st Mortgage	210,000	8	May & Nov.	Co's Shops, NC.	1888	....
North Eastern (S. Car.):						
1st Mortgage	820,000	8	March & Sept.	Charleston.	1899	....
2d Mortgage	232,500	8	" "	"	1899	....
North Missouri (St. L., K.C. & N.):						
1st Mortgage	3,000,000	7	Jan. & July.	New York.	1895	112
North Pennsylvania:						
1st Mortgage	1,930,500	6	Jan. & July.	Philadelphia.	1885	105½
2d Mortgage	1,500,000	7	May & Nov.		1896	119
General Mortgage	2,035,000	7	Jan. & July.		1903	113½
North Shore (Flush., N.S. & Cent):						
1st Mortgage	135,000	7	Feb. & Aug.	New York.	1887	....
Northern Central:						
1st Mortgage, Md. State loan	1,500,000	6	J. A. J. & O.	Annapolis.	Irred.	....
2d Mortgage S. F. Coupon	1,490,000	6	Jan. & July.	Baltimore.	1885	107
3d Mortgage Coupon	1,126,000	6	April & Oct.	Phila. & Balt.	1900	104
Mortgage coupon	2,599,000	6*	Jan. & July.	Baltimore.	1900	100½
Mortgage registered	205,000	6*	April & Oct.	"	1900	....
Consol. Gen. Mort. S. F. Coup..	2,538,000	6*	Jan. & July.	Lond. & Balt.	1904	....
Consol. General Mort. Coupon.	1,635,000	6*	" "	"	1894	....
Second General Mort. coupon..	3,000,000	5	"	Baltimore.	1926	57
Second General Mort. coupon..	1,000,000	6	"	"	1926	....
Northern New Jersey (Erie):						
1st Mortgage skg fd guar.	400,000	7	Jan. & July.	Jersey C	1878	....
Northern Pacific:						
1st Mort. on R.R. & lands gold..	4,000,000	7.3*	Jan. & July.	New York.	1900	47
Northwestern Virginia:						
3d Mort., assumed by B. and O	140,000	6	Jan. & July.	Baltimore.	1885	106
Northwestern Union (C. & N.W.):						
1st Mortgage	3,500,000	*	March & Sept.	New York.	1917	....
Norwich & Worcester (B.H. & E.):						
1st Mort. Mass. Loan, skg. fd..	400,000	*	Jan. & July.	Boston.	1877	....
Construction Bonds	400,000		March & Sept.	"	1897	....
Nyack and Northern:						
1st Mortgage	150,000	7	Jan. & July.	New York.	1890	....
Ogdensburg and Lake Champlain:						
Equipment Mortgage	300,000	8	Jan. & July.	Boston.	1878	94½
Equipment Mortgage	200,000	8	" "	"	1879	94½
Sinking Fund Bonds	394,000	8	March & Sept.	"	1890	96
Ohio and Mississippi:						
Consolidated Mort. Bonds	3,067,000	7	Jan. & July.	New York.	1898	108½
Consolidated S. F. Mortgage..	3,475,000	7	" "	" "	1898	107½
Consolidated Mort., Sterling	112,000	7*	" "	London.	1898	....
2d Consol. Mort. & S. F. Bonds.	3,864,000	7	April & Oct.	New York.	1911	94
Income and Funded Debt Bonds	174,000	7	" "	New York.	1882	....
Debenture Sinking Fund Bonds	140,000	7	May & Nov.	New York.	1883	....
1st Mort. (Springfield Division.)	1,915,000	7	May & Nov.	" "	1905	....
Old Colony.						
Plain Bonds	1,000,000	6	March & Sept.	Boston.	1896	107
Plain Bonds	32,000	5	" "	"	1884	99
Plain Bonds	1,450,000	6	Feb. & Aug.	"	1897	107
New Bonds for $3,000,000	1,692,000	7	March & Sept.	"	1894	116
Cape Cod Railroad Bonds	265,400	7	Feb and Aug.	"	1881	103

AMERICAN RAILROAD BOND LIST.

An Asterick (*) affixed to rate of nterest signifies "Payable in Coin."

Description of Bonds.	Amount.	Rate.	Interest Payable. When.	Interest Payable. Where.	Due.	Price.
Oil Creek (Pittsb., T. & Buffalo):	$					
1st Mortgage	580,000	7	April & Oct.	Philadelphia.	1896	8½
Omaha and Northwestern:						
1st Mort. Land Grant, Gold	16,000pm	7.3*	Jan. & July.	New York.	1901	....
Omaha and Republican Valley:						
1st Mortgage	.....	6	F. M. A. & N.	.....	1895	....
Omaha and Southwestern:						
1st Mortgage $20,000 p. m.	1,034,000	8	June & Dec.	Boston.	1896	113½
Oregon and California:						
1st Mortgage gold	10,960,000	7*	April & Oct.	New York.	...	....
Osage Valley & Southern Kansas:						
1st Mortgage (5-20 years)	200,000	10	Jan. & July.	New York.	1888	....
Oshkosh & Miss. (C.,M. & S. P.):						
1st Mortgage	240,000	8	Jan. & July.	New York.	1891	....
Oswego and Rome (R.W. & O.):						
1st Mortgage	500,000	7	May & Nov.	New York.	1916	....
Income Mortgage	112,100	6	Feb. & Aug.	" "	1891	....
Oswego and Syracuse (D.L.& W.):						
1st Mortgage, guaranteed	201,000	7	May & Nov.	New York.	1885	....
Ottawa, Oswego & Fox River:						
1st Mortgage guar. by C.,B.& Q.	1,079,000	8	Jan. & July.	N.Y. & Bost.	1900	112½
Owensboro' and Russellville.						
1st Mortgage for $1,500,000	1,500,000	8	Feb. & Aug.	New York.	1892	....
Pacific of Missouri:						
1st Mortgage gold	7,000,000	6*	Feb. & Aug.	New York.	1888	105½
2d Mortgage sinking fund	2,650,000	7	Jan. & July.	" "	1891	107
3d Mortgage	4,000,000	7	May & Nov.	" "	....	...
St. Louis County Debt	700,800	7	Monthly.	St. Louis.	1885	...
Real Estate Bonds	800,000	8	May & Nov.	New York.	1892	...
1st Mort. (Carondelet Branch)	500,000	6*	April & Oct.	" "	1893	70
Paducah and Memphis:						
1st Mortgage gold for $2,305,000.	1,541,000	7*	Feb. & Aug.	New York.	1902	....
Panama:						
General Mortgage, stg £797,800.	3,877,308	7*	April & Oct.	London.	1897	....
Paris and Decatur:						
1st Mortgage gold, S. F.	1,200,000	7*	Jan. & July.	N. Y. & Lond.	1892	....
Paterson and Newark (Erie):						
1st Mortgage guaranteed	500,000	7	Jan. & July.	New York.	1878	....
Pekin, Linc. & Decatur (TW&W):						
1st Mortgage, guaranteed	1,076,000	7	Feb. & Aug.	New York.	1900	60
Pemberton & Hights. (UC of NJ):						
1st Mortgage guaranteed	160,000	7	Jan. & July.	Philadelphia.	1889	105
Peninsular (Mich.) Railway:						
1st Mortgage gold (S.F.) 1st series	1,800,000	7*	May & Nov.	N.Y. or Lond.	1890	...
1st Mortgage gold (S.F.) 2d series	2,000,000	7*	" "	" "	1900	...
2d Mortgage	540,000	7	Feb. and Aug.	New York.	1881	...
Pennsylvania:						
1st Mort. (Harrisb'g to Pittsb'g)	4,970,000	6	Jan. & July.	Philadelphia.	1880	105
General Mortgage	19,999,700	6	J. A. J. & O.	Philadelphia.	1910	1'1½
General Mortgage, registered.		6	" "	"	1910	1'12½
Consolidated Mortgage	29,145,000	6*	Jan. & July.	London.	1905	.04½
State lien for $7,500,000, skg f'd	4,237,823	5	April & Oct.	Philadelphia.	'77-'90	....
Pennsylvania Coal:						
1st Mortgage	487,500	7	Feb. and Aug.	New York.	1881	....
Pennsylvania and Delaware:						
1st Mortgage	1,083,000	7	Feb. & Aug.	Philadelphia.	1903	....
2d Mortgage	519,000	7	April & Oct.	"	1903	....
Pennsylvania & New York (L.V.):						
1st Mortgage guaranteed.	1,500,000	7	June & Dec.	Philadelphia.	1896	118½
1st Mortgage guaranteed	1,500,000	7	" "	"	1906	....
Peoria & Bureau Val (C.R.I.& P.)						
1st Mortgage guaranteed	600,000	8	Jan. & July.	New York.	1877	....
Peoria & Hannibal (C. B. & Q.):						
1st Mortgage, traffic guarantee	277,000	8	Jan. & July.	Boston.	1878	100½
Peoria, Pekin and Jacksonville:						
1st Mortgage	1,000,000	7	Jan. & July.	New York.	1894	....
2d Mort. conv., and tax free	1,000,000	7	April & Oct.	" "	1900	....
Peoria and Rock Island:						
1st Mort. gold, conv. & tax free.	1,500,000	7*	Feb. & Aug.	N.Y. & Lond.	1900	...
2d Mortgage	150,000	10	Jan. & July.	New York.	1900	....
Perkiomen (Phila. and Rdg):						
1st Mortgage, guaranteed	619,000	6	April & Oct.	Philadelphia.	1897	76
Peteraburg:						
1st Mortgage (instalments)	341,500	8	Jan. & July.	New York.	'79-'98	84½
2d Mortgage	500,000	8	" "	" "	1902	....
Philadelphia and Atl. City:						
Mortgage for $500,000	350,000	7	Jan. & July.	Philadelphia.	1907	....
Philadelphia and Baltimore Cent.:						
1st Mortgage (Penn. Div. 36½ m.)	800,000	7	Jan. & July.	Philadelphia.	1879	....
1st Mortgage (Md. Div. 9½ m.)	300,000	6	" "	"	1891	....
2d Mortgage (Pa. & Md. 46 m.)	400,000	7	" "	"	1900	...
Philadelphia and Erie (Penn.):						
1st Mort. (Sunbury & Erie 40m)	1,000,000	7	Apr. and Oct.	Philadelphia.	1897	116
1st Mortgage	5,000,000	6	" "	"	1881	104½
2d Mortgage	3,000,000	7	Jan. & July.	"	1888	107½
General Mort. for $20,000,000	7,652,000	6*	" "	Phil. or Lond.	1920	...
Philadelphia and Reading:						
Loan of 1868, debenture	1,135,300	6	Jan. & July.	Philadelphia.	1893	....
Mort. Loans of 1843-44-48 & 49.	1,510,500	6	" "	"	1880	103½
Mortgage Loan of 1868	2,700,000	7	Apr. and Oct.	"	1893	115½
Mortgage Loan of 1836 stg	182,400	5*	Jan. & July.	London.	1880	....
Mortgage Loan of 1843 stg	967,200	6*	" "	"	1880	....
Mortgage Loan of 1836 stg	134,408	7*	" "	"	1877	....
Consolidated Mortgage June 1, 1871. — Dollar coupon	7,310,000	7	June & Dec.	Philadelphia.	1911	106½
Consolidated Mortgage June 1, 1871. — Dollar registered	3,339,000	7	" "	"	1911	106½
Consolidated Mortgage June 1, 1871. — Gold or stg coup.	6,999,000	6*	" "	Phil. or Lond.	1911	92½
Consolidated Mortgage June 1, 1871. — Gold or stg reg.	863,000	6*	" "	" "	1911	95
Consolidated Mortgage June 1, 1871. — Dollar coupon	305,000	6*	" "	Philadelphia.	1911	....
New deben. loan, conv.	10,499,900	7	Jan. & July.	"	1893	53
New Improvement Mort. Loan	9,364,000	6*	Apr. and Oct.	Phil. or Lond.	1897	....
Gen'l Mort. stg. S.F. ($60,000,000)	19,686,000	7*	Jan. & July.	" "	1908	....
Income Mortgage of 1876	1,803,000	7	June & Dec.	Philadelphia.	1896	58
Pittsburg, Titusville & Buffalo:						
1st mortgage	1,155,000	7	Feb. & Aug.	Philadelphia.	1896	26
Funding income	300,000	7	" "	" "	1896	....

Description of Bonds.	Amount.	Rate.	Interest Payable. When.	Interest Payable. Where.	Due.	
Philadelphia, Wilmington & Balt.:	$					
Mortgage Loan, convertible	262,000	6	Jan. & July.	Phila. & Bost.	1884	103½
Loan of 1867	1,000,000	6	April & Oct.	" "	1887	103
Loan of 1872	700,000	6	" "	" "	1892	106½
Loan of 1875	300,000	6	" "	" "	1900	107½
Pickering Valley (Phila. & Rdg):						
1st Mortgage, guaranteed	331,800	7	April & Oct.	Philadelphia.	1900	53
Pittsburg, Cin. & St. Louis (Pa.):						
1st Mort. (Col. & Newark Div.)	775,000	7	Jan. & July.	Philadelphia	1890	....
1st Mort. (Steub. & Ind.) conv.	3,000,000	6	Monthly.	New York.	1884	...
Consol. Mortgage for $10,000,000.	6,222,000	7	Feb. & Aug.	Philadelphia.	1890	104
Consolidated 2d Mortgage	2,500,000	7	April & Oct.	"	1913	..
Pittsburg, Ft. Wayne & Chicago:						
1st Mortgage (Series A)	875,000	7	Jan. & July.	New York.	1912	122
1st Mortgage (Series B)	875,000	7	Feb. & Aug.	" "	1912	....
1st Mortgage (Series C)	875,000	7	March & Sept.	" "	1912	....
1st Mortgage (Series D)	875,000	7	April & Oct.	" "	1912	....
1st Mortgage (Series E)	875,000	7	May & Nov.	" "	1912	....
1st Mortgage (Series F)	875,000	7	June & Dec.	" "	1912	...
2d Mortgage (Series G)	860,000	7	Jan. & July.	" "	1912	122
2d Mortgage (Series H)	860,000	7	Feb. & Aug.	" "	1912	....
2d Mortgage (Series I)	860,000	7	March & Sept.	" "	1912	....
2d Mortgage (Series K)	860,000	7	April & Oct.	" "	1912	....
2d Mortgage (Series L)	860,000	7	May & Nov.	" "	1912	...
2d Mortgage (Series M)	860,000	7	June & Dec.	" "	1912	...
3d Mortgage	2,000,000	7	April & Oct.	"	1912	114½
Construction bonds of Jan. 1,'70	100,000	7	Jan. & July.	New York.	1887	....
Equipment bonds	1,000,000	8	March & Sept.	"	1884	....
Pittsburg, Va. and Charleston:						
1st Mortgage	700,000	7	April & Oct.	New York.	1902	....
Pittsburg, Wash'gton & Baltimore:						
1st Mort. (Pittsb. & Conn'lsville)	4,000,000	7	Jan. & July.	Baltimore.	1893	105½
2d Mort. do. (Balt. Loan)	5,000,000	6	May & Nov.	"	1902	....
1st Mort. (Turtle Cr. Div. 10½ m)	400,000	6	Feb. & Aug.	Pittsburg.	1889	....
Real Estate Mortgage	100,000	6	.....	Baltimore.	1883	...
Plymouth, Kankakee & Pacific:						
1st Mortgage for $3,600,000	20,000 pm	7*	Jan. & July.	New York.	1901	...
Port Huron and Lake Michigan:						
1st Mortgage gold, for $1,800,000	1,800,000	7*	May & Nov.	New York.	1899	....
Portland & Ogdensb. (Me.& N.H.):						
1st Mort. (Maine Section) gold	800,000	6*	Jan. & July.	Boston.	1900	....
Consol. Mort. gold, for $3,300,000	749,000	6*	May & Nov.	"	1901	15
Portland and Ogdensburg (Vt.):						
1st Mortgage gold, for $2,300,000	1,200,000	6*	May & Nov.	N.Y. & Bost.	1891	46
Portland and Oxford Central:						
1st Mortgage of 1863	250,000	6	Jan. & July.	Portland.	1883	....
Portland and Rochester:						
1st Mort. (Portland Loan) skg f'd	700,000	6	Jan. & July.	Boston.	1887	....
1st Mortgage (equal lien)	100,000	7	April & Oct.	"	1887	....
2d Mort. (Portland Loan)	396,500	6	Mar. & Sept.		1891	....
Port Royal (S. C.):						
1st Mortgage gold, skg f'd	2,000,000	7*	May & Nov.	N.Y. & Lond.	1889	....
1st Mort. gold, guar. by Ga. R. R.	500,000	7*	" "	" "	1889	....
Portsmouth, Gt. Falls & Conway:						
1st Mort., guar. by Eastern R.R.	514,000	7	June and Dec.	Boston.	1893	75½
Pougkeepsie and Eastern:						
1st Mort. gold, conv. & tax free	644,500	7*	Jan. & July.	New York.	1910	....
2d Mortgage	78,000	7	" "	" "	....	....
Providence and Worcester:						
1st Mortgage	500,000	6	Jan. & July.	Providence.	1880	102½
Stoughton Branch bonds	1,000,000	6	" "	"	....	....
Quincy, Alton and St. Louis:						
1st Mortgage gold	1,000,000	7*	May & Nov.	Philadelphia.	1892	....
Quincy and Palmyra:						
1st Mort. assumed by H. & St.Jo.	500,000	8	Feb. & Aug.	New York.	1892	....
Quincy and Toledo (T., W.& W.):						
1st Mortgage, guaranteed	500,000	7	May & Nov.	New York.	1890	90
Quincy & Warsaw (C. B. & Q.):						
1st Mortgage, guaranteed	725,000	8	Jan. & July.	Boston.	1890	113½
Reading and Columbia (P.& R.):						
1st Mort., Coupon, guaranteed	650,000	7	March & Sept.	New York.	1882	95
2d Mort., Coupon, guaranteed	350,000	7	June & Dec.	Columbia.	1884	....
Rensselaer and Saratoga:						
2d Mortgage	300,000	7	Jan. & July.	Troy.	1880	....
3d Mortgage	150,000	7	" "	"	1887	...
1st Mort. (Saratoga & Whitehall)	400,000	7	March & Sept.	New York.	1886	....
1st Mort. (Troy, Salem & Rutl.)	500,000	7	May and Nov.	" "	1890	....
1st Mortgage (Glenn's Falls)	125,000	7	Jan. & July.	" "	1894	....
Consol. Mort. for $2,000,000	1,783,500	7	May and Nov.	" "	1921	120
New Gen'l Mort. for $6,000,000	1,092,000	6*	.....	"	....	....
Richmond and Danville.						
Virginia State Loan, skg fund	600,000	6	Jan. & July.	Richmond.	1880	....
Virginia State guar. bonds	157,800	6	" "	"	1875	....
1st Mort. (Peidmont Branch)	500,000	8	.....	"	1888	....
1st Mort. (Northwestern, N.C.)	500,000	6.7	April & Oct.	N. Y. or Rich.	....	....
Consolidated Mortgage	1,766,000	6	May and Nov.	New York.	'75-'90	85
Rich., Fredericksburg & Potomac:						
Sterling Loan	87,777	6*	Jan. & July.	London.	1875	....
Dollar Loan	175,428	7	" "	" Richmond	1876	....
Dollar Loan, Coupon	450,000	8	" "	"	1881	....
Dollar Loan	124,489	6	various.	"	1478	....
Richmond and Petersburg:						
1st Mortgage (Coupon)	175,000	8	Apr. and Oct.	Richmond.	'80-'86	....
New mortgage of 1875	31,000	7	May & Nov.	"	1915	....
Rockford, R. Island & St. Louis:						
1st Mortgage tax free	9,000,000	7*	Feb. & Aug.	N.Y. & Lond.	1918	....
Rome, Watertown & Ogdens'b.:						
1st Mortgage, (W.&R.) Skg Fund	799,990	7	March & Sept.	New York	1830	93
2d Mortgage	460,000	7	Jan. & July.	" "	1901	....
General Mort. S. F.	1,050,500	7	June & Dec	" "	1891	..
Consol. Mort. conv. till 1879	3,000,000	7	Apr. and Oct.	" "	1904	30
Rutland (Cent. Vt. & Vt. & Can.):						
Equipment Mortgage, tax free	500,000	7	May and Nov.	Boston.	1880	55
Equipment Mortgage	500,000	8	March & Sept.	"	1880	65
General Mort.	1,500,000	8	May and Nov.	"	1902	75½

AMERICAN RAILROAD BOND LIST.

An Asterick (*) affixed to rate of interest signifies "Payable in Coin."

Description of Bonds.	Amount.	Rate.	Interest Payable. When.	Interest Payable. Where.	Due.	Price.
Saginaw Valley and St. Louis:	$					
1st Mortgag	346,000	8	May & Nov.	Saginaw.	1892	....
Saint Croix and Penobscot:						
1st Mort. (Cal. & Baring)	95,200	6	Jan. & July.	Calais, Me.	1879	....
2d Mort. (" ")	17,500	6	" "	"	1879	....
Calais Loan (Lewey's Island)	115,000	6	June & Dec.	"	1876	....
St. Joseph & Denver City:						
1st Mort. (E. D.) gold tax free	1,500,000	8*	Feb. & Aug.	N. Y. & Lond.	1899	....
1st M.(W.D)land grant, g'd tax fr	5,500,000	8*	" "	" "	1900	....
St. Joseph and St. Louis:						
1st Mortgage	1,000,000	6	May & Nov.	New York	1893	....
St. Louis, Alton and Terre Haute:						
1st Mortgage skg f'd. (Series A)	1,100,000	7	Jan. & July.	New York.	1894	....
1st Mortgage skg f'd. (Series B)	1,100,000	7	April & Oct.	" "	1894	111
2d Mortgage preferred (Series C)	1,400,000	7	Feb. & Aug.	" "	1894	82½
2d Mortgage preferred (Series D)	1,400,000	7	May & Nov.	" "	1894	...
2d Mortgage Income (Series E)	1,700,000	7	" "	" "	1884	44
Equipment Mortgage	300,000	10	March & Sept.	" "	1894	....
St. Louis, Iron Mt. and Southern:						
1st Mort. (St. Louis & Iron Mt.)	4,000,000	7	Feb. & Aug.	New York.	1892	111
2d Mort. (" "	6 000,000	7*	May & Nov.	" "	1897	80
1st Mort. L.G. (Arkansas Br'h)	2,500,000	7*	June & Dec.	" "	1897	....
1st Mort. (Cairo, Ark. & Tex.)	1,500 000	7*	" "	" "	1897	....
Consolidated Mortgage	1,500,000	7	.....	" "	1899	....
St. Louis, Jacksonville & Chicago:						
1st Mortgage	2,929,000	7	April & Oct.	New York.	1894	....
2d Mortgage	848,000	7	Jan. & July.	" "	1898	....
St. Louis, Kansas City & Northn:						
1st Mortgage (North Missouri)	6,000,000	7	Jan. & July.	New York.	1895	101½
Real estate & 2d M. for $3,000,000	993,000	7	March & Sept.	" "	1895	100
St. Louis, Lawrence and Denver:						
1st Mort. guar. by Atl. and Pac.	1,020,000	6*	Jan. & July.	New York.	1901	....
St. Louis and South Eastern:						
1st Mort. gold skg fund conv	2,207,000	7	May & Nov.	New York.	1894	....
1st M.(Evans.D.)gold skg f'd,con	1,000,000	7	" "	" "	1896	....
1st Mort. (Evans., Hen. & Nash.)	1,000,000	7	Jan. & July.	" "	1897	....
Consol. Mort. Skg. Fund	2,000,000	7	Feb. & Aug.	" "	1902	....
St. Louis, Van. & T. H. (T.H.&I.):						
1st Mortgage, guaranteed	1,899,000	7	Jan. & July.	New York.	1897	....
2d Mortgage, (A.) guaranteed	1,000,000	7	May & Nov.	" "	1898	....
2d Mortgage (B.) convertible	1,000,000	7	" "	" "	1898	....
St. Louis and San Francisco:						
2d Mortgage A for $500,000	319,840	6*	May & Nov.	New York.	1906	80
2d Mort. B. & C for $5,200,000	4,959,142	2*	" "	"	1906	47½
St. Paul and Pacific 1st Division:						
1st Mort. (St.P.to St.Anth.)10m.	120,000	8	March & Sept.	New York.	1892	....
1st M. (St. Paul to Watab) 80m.	366,000	7	Jan. & July.	" "	1892	....
2d Mort. (do.) & 1st land gr.	1,145,750	7	June & Dec.	" "	1892	....
1st M. (Main L.) R.R. & Lands.	3,000,000	7*	May & Nov.	London.	....	....
2d M. (do.) R. R. & Lands.	8,500,000	7*	" "	"	....	....
General Mortgage for $15,000,000	.....	7*	.....	"	....	....
St. Paul, Stillwater & Taylor's F.:						
1st Mortgage	450,000	8	Jan. & July.	New York.	1901	....
Salem (West Jersey):						
1st Mortgage guar	100,000	6	Jan. & July.	Philadelphia.	1878	....
Salem and Lowell (B. & L.):						
1st Mortgage	226,900	6	Feb. & Aug.	Boston.	1878	80
Sand., Mansfield & Newark(B&O.)						
1st Mortgage guaranteed	2,301,000	7	Jan. & July.	New York.	1900	91
Saratoga & Whitehall (R. & S.):						
1st Mortgage, guaranteed	400,000	7	March & Sept.	New York.	1886	....
Savannah, Albany & Gulf (A & G):						
Sectional Mort	316,000	7	Jan. & July.	New York.	Var.	....
Savannah and Charleston:						
1st Mortgage (Sav. & Char.)	500,000	7	Jan. & July.	New York	1889	....
State guaranteed (C. & S.)bonds.	505,000	6	March & Sept.	Charleston.	1877	....
Funded Interest bonds, guar	111,800	7	" "	New York.	1889	....
Savannah, Griffin & North Ala.:						
1st Mortgage for $500,000 guar	152,000	7	Jan. & July.	Macon.	1891	....
Savannah and Memphis:						
1st Mort., gold, endor. by State.	16,000pm	8*	May and Nov.	New York.	1890	....
Schenectady & Susq.(D.&H.Can.):						
1st Mortgage gold, tax free	400,000	7*	Jan. & July.	New York.	1900	....
Schoolcraft & Three R. (LS&MS):						
1st Mortgage	100,000	8	Jan. & July.	New York.	1887	....
Seaboard and Roanoke:						
1st Mortgage	210,000	7	Jan. & July.	New York.	1880	....
Selma and Gulf:						
1st Mort. (guar. by Ala.)	1,888,000	8	April & Oct.	New York.	1890	....
Selma, Marion and Memphis:						
1st Mort. guar. by Ala	16,000pm	8	March & Sept.	New York.	1889	....
Selma, Rome and Dalton:						
1st Mortgage, tax free	3,000,000	7	April & Oct.	New York.	1887	....
2d Mortgage	4,000,000	7	Jan. & July.	" "	1891	....
Equipment Mortgage	230,000	10	" "	" "	1881	....
Shamokin Valley & Pottsv.(N.C.):						
1st Mortgage, on road and lands	2,000,000	7*	Jan. & July.	Philadelphia.	1901	103
Sheboygan and Fond du Lac:						
1st Mortgage	729,000	7	June & Dec.	New York.	1884	....
1st Mortgage extension	694,000	8	April & Oct.	" "	1896	....
Shenango and Allegheny:						
1st Mortgage for $1,000,000	795,000	7	April & Oct.	New York.	1889	....
Shepaug Valley (Ct.).						
1st Mortgage	400,000	7	April & Oct.	New York.	1891	....
2d Mortgage	200,000	7	Jan. & July.	" "	1902	....
Shore Line (N. Y., N. H. & Hart.):						
1st Mortgage construction	200,000	7	March & Sept.	Boston.	1880	....
Sioux City and St. Paul:						
1st Mortgage	1,240,000	8	May and Nov.	New York.	1901	....
Land Grant Mortgage gold	500,000	7*	" "	" "	1901	....
2d Mortgage	450,000	8	.....	.....	....	....
Equipment bonds	165,000	10	.....	.....	....	....
Sioux City and Pacific:						
1st Mortgage gold	1,629,000	6*	Jan. & July.	New York.	1898	74½
Mort. (Gov. Subsidy)	1,627,200	6	" "	U.S.Treasury.	1898	....

Description of Bonds.	Amount.	Rate.	Interest Payable. When.	Interest Payable. Where.	Due.	Price.
South Carolina:	$					
1st Mortgage Sterling	1,482,667	5*	Jan. & July.	London.	'82-'88	....
1st Mortgage (L.) currency	1,051,500	7	" "	New York.	'78-'88	....
2d Mort. for $3,000,000	1,206,500	7	April & Oct.	" "	1902	....
Domestic (I) Bonds	1,054,500	7	April & Oct.	Charleston.	1891	....
Domestic (K) Bonds	63,500	6	Jan & July.	"	'80-'92	....
South Georgia and Florida:						
1st Mort. assumed by Atl. & Gulf	464,000	7	May & Nov.	New York.	1888	....
2d Mort. " " "	200,000	7	" "	" "	1889	....
South Mountain Iron(Cumb.Val):						
1st Mortgage guaranteed	200,000	6	June & Dec.	Philadelphia.	1888	....
2d Mortgage for $200,000	177,500	7	March & Sept.	"	1884	....
South and North Alabama:						
1st Mort., endor. by Ala., gold	391,000	8*	Jan. & July.	New York.	1890	....
Sterling Mort., guar. by L. & N.	£1,038,000	6*	May & Nov.	London.	....	....
South Pacific (St. Louis & San F.):						
1st Mortgage gold, assumed	7,194,500	6*	Jan. & July.	New York.	1888	97
South Shore (Mass.):						
1st Mortgage, sinking fund	150,000	6	April & Oct.	Boston	'80-'81	102
South Side, Va. (A., M. and O.):						
1st preferred bonds	675,000	8	Jan. & July.	New York.	'84-'90	105
2d preferred bonds	621,000	6	" "	" "	'84-'90	76
3d preferred bonds	452,800	6	" "	" "	'84-'90	65½
Southern Central (N.Y.):						
1st Mortgage, skg fund conv	1,500,000	7	Feb. & Aug.	New York.	1899	....
2d Mortgage	600,000	7*	March & Sept.	"	1882	103
Southern Iowa and Cedar Rapids:						
1st Mortgage gold	1,500,000	7*	May & Nov.	New York.	1900	....
Southern of L. I.:						
1st Mortgage (South Side R. R.)	750,000	7	March & Sept.	New York.	1887	80
2d Mort., Sink. Fund	1,500,000	7	May & Nov.	"	1900	17
Southern Minnesota:						
1st Mortgage land grant tax free	3,340,000	8	Apl. & Oct.	New York.	'78-'88	....
2d Mortgage, land grant	1,252,000	7	Jan. & July.	"	1890	....
Southern (Cal.) Pacific:						
1st Mortgage gold for $28,000,000	11,000,000	6*	April & Oct.	New York.	....	95
Southern Pennsylvania:						
1st Mortgage gold	625,000	7*	March & Sept.	Philadelphia.	1900	....
2d Mortgage gold	88,000	7*	" "	"	1880	....
South Western (Cen. of Ga):						
Plain Bonds, various conv	391,000	7	various.	Macon.	'72-'86	....
1st Mortgage (Muscogee) conv	300,000	7	"	"	'72-'76	....
Spartanburg and Union:						
1st Mortgage, end. by S. Car	350,000	7	Jan. & July.	Charleston.	1879	....
1st Mortgage not endorsed	198,370	7	" "	"	1879	....
Springfield, Athol & Northeastern:						
1st Mortgage	416,000	7	Jan. & July.	Boston.	'83-'91	....
Springfield & Illinois S. Eastern:						
1st Mortgage gold, tax free	3,400,000	7*	Feb. & Aug.	New York.	1899	....
2d Mortgage gold, tax free	446,000	7*	April & Oct.	"	1900	....
Springfield and Northwestern:						
1st Mortgage gold, skg fund	500,000	7*	Feb. & Aug.	New York.	1901	....
Staten Island:						
1st Mortgage	200,000	7	Jan. & July.	New York.	1886	55
Stanstead, Shefford and Chambly:						
1st Mort., Guar. by Cent. Verm.	500,000	7	Jan. & July.	Boston.	1887	35
Sullivan (Central Verm.):						
2d Mortgage	250,000	6	Feb. & Aug.	Boston.	1881	....
Sullivan and Erie:						
1st Mortgage, skg fund	1,000,000	7	May & Nov.	New York.	1886	....
Summit Branch:						
1st Mortgage	800,000	7	Jan. & July.	N.Y., Bost. Ph.	1904	95
Sunbury and Lewiston:						
1st Mortgage gold	1,200,000	7*	April & Oct.	Philadelphia.	1890	....
Income Mort. gold	200,000	6*	" "	"	1891	....
Suspens. Bridge & Erie June. (E.):						
1st Mortgage	1,000,000	7	.....	New York.	....	....
Syracuse, Bing. & N.Y. (DL&W):						
1st Consol. Mortgage	1,750,000	7	April & Oct.	New York.	1906	....
2d Mortgage (now 1st)	270,000	7	June & Dec.	"	1887	103
Syracuse and Chenango Valley:						
1st Mort. gold, for $500,000	500,000	7*	Feb. and Aug.	New York.	1891	....
Tebo and Neosho (M. K. & T.):						
1st Mortgage gold, skg fund	1,163,000	7*	June & Dec.	New York.	1903	....
Terre Haute & Indianapolis:						
1st Mortgage	800,000	7	April & Oct.	New York.	1879	....
Bonds of 1873 for $1,600,000	516,000	7	" "	"	1894	....
Texas and Pacific:						
1st Mortgage, 3,000 per mile	3,552,000	6*	Mar. & Sept.	N.Y., Ph. Lon.	1905	98½
Consolidated Mortgage	7,548,000	6*	June & Dec.	" "	1905	77½
Income and Land Grant	3,706,225	7	July.	N. Y. & Phil.	1915	30½
Toledo, Can. Southern & Detroit:						
1st Mortgage	1,500,000	7*	Jan. and July.	.....	1906	50½
Toledo, Peoria and Warsaw:						
1st Mortgage (Eastern Div.)	1,600,000	7	June & Dec.	New York.	1894	100
1st Mortgage (Western Div.)	1,800,000	7	Feb. and Aug.	" "	1896	100
2d Mort.conv.(")	1,800,000	7	April & Oct.	" "	1886	25
Equipment Mort. sinking fund	94,000	8	Jan. & July.	" "	1879	....
Consol. Mort. for $6,200,000	1,500,000	7	May & Nov.	" "	1910	25
1st Mortgage (Burl. Branch)	250,000	7	June & Dec.	" "	1901	....
Toledo, Wabash and Western:						
1st Mort. (Toledo and Illinois)	900,000	7	Feb. and Aug.	New York.	1890	108
1st Mort. (L.Erie, Wab. & St.L.)	2,500,000	7	" "	" "	1890	108
1st Mort. (Gt. West. Rwy of '59)	2,500,000	7	" "	" "	1888	106½
1st Mort. (Quincy and Toledo)	500,000	7	May & Nov.	" "	1890	91
1st Mort. (Ills. & South'n Iowa)	300,000	7	Feb. and Aug.	" "	1892	95
1st Mort. (Decatr. & East St. L.)	2,700,000	7	" "	" "	1889	92½
2d Mort. (Toledo and Wabash)	1,000,000	7	May and Nov.		1878	87½
2d Mort. (Wabash & Western)	1,500,000	7	" "	"	1878	87½
2d Mort. (Gt. West. Rwy of '59)	2,500,000	7	" "	" "	1893	86½
Equipment (Toledo & Wabash)	600,000	7	" "	" "	1883	12
Consol. S. F. 1st Mortgage	2,610,000	7	F. M. A. & N.	" "	1907	72
Consol. 2d mort. gold	2,184,000	7*	Feb. and Aug.	" "	1893	....
Traverse City (Gr. Rap and Ind.):						
1st Mortgage	250,000	7	Feb. and Aug.	New York.	1902	....

AMERICAN RAILROAD BOND LIST.

The Letter (c) affixed to Rate of Interest Signifies "Payable in Gold."

Description of Bonds.	Amount.	Rate	Interest Payable. When.	Interest Payable. Where.	Due.	Price.
Troy & Bennington (T. & B.):	$					
1st Mortgage skg fund, guar....	89,700	7	Jan & July.	Troy.	1878	....
Troy and Boston.						
1st Mortgage.....	300,000	7	Jan. & July.	New York.	1887	....
2d Mortgage.....	300,000	7	April & Oct.	" "	1888	....
3d Mortgage.....	650,000	7	May and Nov.	" "	1875	....
Convertible Bonds.....	648,000	7	" "	" "	1882	....
Troy, Salem & Rutland(R. & Bar.):						
1st Mortgage, guaranteed.....	500,000	7	May and Nov.	New York.	1890	....
Troy Union (and Depot):						
1st Mortgage, guaranteed.....	680,000	6	Jan. & July.	New York.	1878	....
Tuckerton:						
1st Mortgage.....	405,000	7	April & Oct.	Philadelphia.	1901	....
Union Pacific:						
1st Mortgage gold, tax free.....	27,231,000	6c	Jan. & July.	N. Y. & Bost.	'96-'99	110¾
1st Mort. Land Grant	7,145,000	7	Apr. and Oct.	" "	1887	110¼
2d Mortgage (Gov. subsidy).....	27,236,512	6	Jan. & July.	U.S.Treasury.	'96-'99	....
3d Mortgage Sinking Fund.....	14,045,000	6	March & Sept.	New York.	1894	113¼
Omaha Bridge Bonds Sterling..	2,225,000	6c	Apr. and Oct.	London.	1896	....
Union Pacific (Central Div.):						
1st Mortgage gold, tax free.....	1,600,000	6c	May and Nov.	New York.	1895	....
2d Mortgage (Gov. subsidy).....	1,600,000	6	Jan. & July.	U.S.Treasury.	'96-7-8	....
Union Pacific, S. Br. (M.K.&T.):						
1st Mortgage gold, skg fund.....	3,220,000	6c	Jan. & July.	New York.	1899	84¼
Union & Titusville(P., T. & Buff.)						
1st Mortgage.....	500,000	7	Jan. & July.	New York.	1890	38
United N. J. R. R. & Canal Cos.:						
Loan of 1901 (United Compan's)	3,000,000	6	March & Sept.	Philadelphia.	1901	108
Sterling Loan £369,200 (U. Co's)	1,846,000	5c	" "	London.	1894	....
Sterling Loan £360,000 (")	1,800,000	6c	" "	"	1894	....
Loan of 1894 Sk. Fund (")	2,000,000	6	Apr. and Oct.	Philadelphia.	1894	....
Loan of 1883 (United Compa's)	154,000	6	Feb. and Aug.	"	1883	96
Bond to State of N. Jer.(U.Co's)	500,000	7	(Due 90 days	after demand.)		....
Steri'g S.F. £262,000 (C. & Am.)	1,310,000	6c	Feb. and Aug.	London.	1880	....
Loan of 1883(Camden& Amb'y)	1,700,000	6	" "	Philadelphia.	1883	103¾
Loan of 1889(" ")	866,000	6	June & Dec.	Princeton.	1889	103¾
Mortg. Loan (" ")	5,000,000	6	May and Nov.	Philadelphia.	1889	112
Loan of '78 (N.J. R.R. &T. Co.)	450,000	6	Feb. and Aug.	New York.	1878	....
Bond to State of N. J. (do.)	100,000	7	Apr. and Oct.	N. Y. (Over	Due.)	....
Utah Central:						
1st Mortgage.....	1,000,000	6	Jan. & July.	Salt Lake City	1890	....
Utah Southern:						
1st Mortgage.....	660,000	7	Jan. & July.	Salt Lake City	1891	....
Utica and Black River:						
1st Mortgage.....	200,000	7	Jan. & July.	N. Y.& Utica.	1878	....
Bonds of 1871 (2d issue).....	575,000	7	" "	" "	1891	....
Utica, Ithaca and Elmira:						
1st Mortgage, Sterling	1,500,000	7.3	Jan. & July.	London.	1902	....
Vermont Cent.—See Central Vt.						
Vermont and Massachusetts:						
1st Mortgage sinking fund.....	550,000	6	Jan. and July.	Boston.	1883	104¼
Convertible bonds, tax free.....	200,000	7	" "	"	1879	113
Convertible bonds.....	150,000	7	" "	"	1885	107
Vicksburg and Meridian:						
General Mortgage 1st series (red).....	717,500	7	Jan. and July.	Philadelphia.	1890	....
General Mortgage 2d series (blue).....	850,000	7	" "	"	1890	....
General Mortgage 3d series (black).....	138,000	7	" "	"	1890	....
General Mortgage 4th series (not end.)..	1,141,700	7	Apr. and Oct.	"	1890	....
Special Loan 1871.....	213,000	8	Jan. and July.	"	1880	....
Vineland:						
1st Mortgage tax free.....	750,000	7	Apr. and Oct.	New York.	1890	....
Virginia & Tennessee(A.M.& O.):						
1st Mortgage.....	5,000	6	Jan. and July.	N.Y.&Lynch.	1873	....
2d Mortgage	990,000	6	" "	" "	1884	92
5th Mortgage.....	969,800	8	March & Sept.	" "	1900	104
Registered Certificates.....	84,191	8	Jan. and July.	" "	1875	....
Funded Interest	226,900	8	" "	" "	1880	....
Wallkill Valley (Erie):						
1st Mortgage gold, tax free.....	810,500	7c	Apr. and Oct.	New York	1901	....
Warren (D. L.& W.):						
1st Mortgage, guaranteed.....	511,400	7	Feb. and Aug.	New York.	1875	....
2d Mortgage, guaranteed.....	750,000	7	May and Nov.	" "	1900	108
Warren & Franklin(P.,T. &B.):						
1st Mortgage, assumed.....	1,500,000	7	Feb. and Aug.	Philadelphia.	1882	86
Warwick Valley (Erie):						
1st Mortgage.....	60,000	7	Apr. and Oct.	New York.	1880	....
Wasatch and Jordan Valley:						
1st Mortgage.....	150,000	9c	May and Nov.	New York.	1893	....
Wash'gton City, Va. Mid. & Gt. So.:						
1st Mort. (O., Alex. & Manassas)	1,650,000	7	Jan. and July.	Baltimore.	1832	57
2d Mort. (" " ")	850,000	7	" "	"	1891	....
1st Mort. (Orange & Alexandria)	400,000	6	May and Nov.	"	1873	91
2d Mort " " ")	1,200,000	6	Jan. and July.	"	1875	85¼
3d Mort " " ")	600,000	8	May and Nov.	"	1873	39
4th Mort " " ")	700,000	8	March & Sept.	"	1880	14
Funded Coupons (do.)	722,664	..	....	"	....	....
1st Mort. (Lynchb'g & Danville)	521,000	...	Apr. and Oct.	"	1886	....
Virginia State Loan.....	249,962	7	Jan. and July.	"	'92-'93	....
Washington and Ohio:						
1st Mort. (Alex., Lou. & Ham.)	47,000	7	May and Nov.	New York.	1898	....
1st Mortgage for $9,000,000.....	255,500	7c	Apr. and Oct	" "	1901	35
Westchester and Philadelphia:						
General Mortgage, tax free.....	1,100,000	7	Apr. and Oct.	Philadelphia	1891	113
Western North Carolina:						
1st Mortgage.....	850,000	8	Jan. and July	. .....	1890	....
Western of Alabama.						
1st Mortgage (Western R.R.)...	600,000	8	Apr. and Oct.	New York.	1868	....
1st Mortgage(M.& W.Point R.R.	750,000	8	" "	" "	1881	....
2d Mortgage (consols guar.).....	1,158,000	8	" "	" "	1900	....
Income Mortgage.....	602,900	8	Various.	" "	Var.	....
Western Union Telegraph:						
1st Mortgage.....	.....	7	May and Nov.	New York.	1875	....
Real Estate Bonds, Sink. Fund.	1,378,000	7c	" "	"	1903	....
Bonds (S. F.) Conv. till May '85	3,920,000	7	" "	"	1900	112
Sterling Bonds, Sinking Fund..	861,234	6c	March & Sept.	London	1900	....

Description of Bonds.	Amount.	Rate	Interest Payable. When.	Interest Payable. Where.	Due.	Price.
Western Maryland:	$					
1st Mortgage, unendorsed.....	400,000	6	Jan. and July.	Baltimore.	1890	103
1st Mort. endor. by Balt.....	300,000	6	" "	"	1890	106
2d Mort. " "	300,000	6	" "	"	1890	106
2d Mort. endor. by Wash. Co...	300,000	6	" "	"	1890	107
2d Mortgage preferred.....	600,000	6	" "	"	1895	90
3d Mortgage endor. by Balt.....	875,000	6	" "	"	1900	110
4th Mortgage.....	1,000,000	6	" "	"	1900	....
Western Pacific (Cen. Pac.):						
1st Mort., assumed.....	2,735,000	6c	Jan. and July.	New York.	1899	106¼
Western Pennsylvania (Penn.):						
1st Mortgage.....	800,000	6	Apr. and Oct.	Philadelphia.	1893	100¾
1st Mortgage (Pittsbg. Branch).	1,000,000	6	Jan. and July.	"	1896	93
General Mortgage.....	1,200,000	7	.....	"	....	....
Western Union (Chi., M. & St. P.):						
1st Mortgage for $5,000,000	3,500,000	7	Jan. and July.	New York.	1902	....
West Jersey:						
Debenture bonds guar. by C. & A.	400,000	6	March & Sept.	Camden.	1883	80
1st Mortgage.....	1,000,000	6	Jan. and July.	"	1896	105
1st Mortgage (Salem) guar.....	100,000	6	" "	Philadelphia.	1878	....
1st Mort. (Swedesboro') guar...	200,000	6	June & Dec.	Camden.	....	....
2d Mort. (Cape May & Millville)	500,000	7	Apr. and Oct.	"	....	96
Consolidated Mortgage.....	1,000,000	7	" "	"	1890	109
West Wisconsin:						
1st Mort. land gr., gold skg fund	3,900,000	7c	Jan. and July.	N.Y. or Lond.	1887	....
1st Mort. (Southern Extension).	640,000	7c	" "	" "	1902	....
White Water Valley:						
1st Mortgage.....	1,021,840	8	Feb. and Aug.	Cincinnati.	1890	10
Wico Mico and Pocomoke:						
1st Mortgage.....	200,000	6	Jan. and July.	New York.	1888	....
Williamston and Tarboro':						
1st Mortgage.....	350,000	8	May and Nov.	New York.	1900	....
Wilmington, Colum. & Augusta:						
1st Mortgage.....	3,500,000	7	June & Dec.	Baltimore.	1900	30¼
Wilmington and Reading:						
1st Mortgage.....	1,200,000	7	Apr. and Oct.	Philadelphia.	1900	48
2d Mortgage coupon or regis....	1,700,000	7	Jan. and July.	"	1902	10
Wilmington and Weldon:						
Sterling Bonds.....	848,700	6c	Jan. and July.	London.	1881	....
Sterling Bonds.....	221,400	7c	May and Nov.	"	1886	....
Sinking Fund gold, Bonds.....	749,000	7c	Jan. and July.	New York.	1900	101
Wilmington and Western (Del.):						
1st Mortgage.....	500,000	7.3	J. A. J. & O.	Phil. & Wilm.	1902	....
Winona & St. Peter (C. & N. W.):						
1st Mortgage $20,000 p. m.....	2,750,000	7	Jan. and July.	New York.	1887	106¾
2d Mortgage $12,000 p. m.....	1,650,000	7	May and Nov.	" "	1907	104
Extension mortgage bonds.....	4,875,000	7c	June & Dec.	" "	1910	....
Wisconsin Central:						
1st M. L. G. gold S. F. $25,000pm	4,618,000	7c	Jan. and July.	Boston.	1901	15
Worcester (Md.):						
1st Mortgage.....	210,000	6	Jan. and July.	Baltimore.	1891	....
Worcester and Nashua:						
Plain Bonds	125,000	7	Jan. and July.	Boston.	1861	....
Plain Bonds	186,300	6	Various.	"	'81-'87	91
Plain Bonds.....	250 000	7	Apr. and Oct.	"	1893	....
Plain Bonds.....	400,000	7	Feb. and Aug.	"	1905	30¼
Canal Bonds.						
Chesapeake and Delaware:						
1st Mortgage sinking fund.....	1,995,750	6	Jan. and July.	Philadelphia.	1886	75
Chesapeake and Ohio:						
Sterling Loan guaranteed.....	4,375,000	5c	J. A. J. & O.	London.	1899	....
Preferred Bonds (next lien)	1,999,500	6	Jan. and July.	Baltimore.	1885	40
Delaware Division (L. O. & N.):						
1st Mortgage, guaranteed.....	800,000	6	Jan. & July.	Philadelphia.	1898	98
Delaware and Hudson:						
1st Mort. 3d series, July 1, 1869 reg.	3,500,000	7	Jan. and July.	New York.	1884	99
1st Mort. 3d series, Jan. 1, 1871 reg.	5,000,000	7	" "	" "	1891	99
Coupon bonds of 1874.....	3,000,000	7	Apr. and Oct.	" "	1894	99¼
Registered bonds of 1874.....	2,000,000	7	" "	" "	1894	....
Lehigh Coal and Navigation:						
Loan of 1877, Debentures.....	782,779	6	June & Dec.	Philadelphia.	1877	....
Convertible Debentures.....	41,550	6	" "	"	1882	....
Convertible Loan, gold	771,000	6c	March & Sept.	"	1894	92¾
1st Mortgage, registered	5,381,963	6	J. A. J. & O.	"	1884	104¼
1st Mortgage, reg. (R. R.).....	2,000,000	6	F. M. A. & N.	"	1897	106
Mortgage (equip.) Loan, gold...	4,658,500	6c	June & Dec.	"	1897	93¼
Consolidated Mortgage.....	1,115,000	7	" "	"	1911	70
Greenwood Mortgage Loan.....	717,000	7	Feb. and Aug.	"	1892	....
Greenwood Mortgage Loan.....	140,000	6	Apr. and Oct.	"	1877	....
Monongahela Navigation:						
1st Mortgage.....	108,000	6	Jan. and July.	New York.	1887	....
Morris (and Essex):						
1st Mortgage.....	500,000	6	Apr. and Oct.	Philadelphia.	1876	99
Boat Loan, sinking fund.....	236,965	7	Apr. and Oct.	"	1899	100¼
Preferred Stock Dividend Scrip.	103,164	7	Jan. and July.	"	1887	....
Pennsylvania:						
1st Mortgage skg fund guar.....	2,805,000	6	Jan. and July.	Philadelphia.	1910	86¼
1st Mortgage (Wy. Val. Can.)..	600,000	6	" "	"	1878	....
Schuylkill Navigation(Ph.& Rdg.:						
1st Mortgage.....	1,714,390	6	March & Sept.	Philadelphia.	'72-'97	84
2d Mortgage.....	3,990,392	6	Jan. and July.	"	'82-'97	60¼
Improvement bonds.....	260,000	6	May and Nov.	"	1880	....
Boat and Car Loan	756,650	6	" "	"	1913	....
Boat and Car Loan	621,600	7	" "	"	1915	....
Coupon Bonds.....	1,200,000	6	Jan. and July.		1896	67
Susquehanna and Tide Water:						
2d Mortgage (Maryland Loan)..	1,000,000	6	Jan. and July.	Phila. & Balt.	1888	....
3d Mortgage (Susqueh. Canal)	1,311,000	6	" "	" "	1919	30
Pref. Int. B'ds (" ")	326,310	6	" "	" "	1894	....
Union:						
1st Mortgage.....	3,000,000	6	May and Nov.	Philadelphia	1902	....
West Branch & Susqueh. (Penn.):						
1st Mortgage.....	450,000	6	Jan. and July	Philadelphia	1875	
2d Mortgage.....	200,000	6	" "	"	1918	....

RAILROAD SHARE LIST, including Mileage, Rolling Stock, Debts, Income, Dividends, &c., &c.

An asterisk (*) occurring in the column headed "Rolling Stock" signifies that the cost thereof is included, in that headed "Railroad." A *dash* (—) across the column signifies "nil," and running *dots* (.....) signify "not ascertained." Land Grant Railroads are printed in "*Italics*." State-aid Railroads are distinguished by a "†."

Years ending	Railroad. Miles in Line.	Branch Line.	2d Track and Sidings.	Railroad in progress.	Rolling Stock. Cars. Freight.	Pass.	U. S. M. E.	Freight.	Companies.	Abstract of General Balance Sheet. Property and Assets. Railroads	Rolling Stock.	Assets.	Accounts and Cash.	Liabilities. Stocks.	Bonds.	Accounts.	Surplus Income.	Railroad Operated.	Operations. Trains Moved.	Passengers.	Freight.	Earnings. Gross.	Net.	Dividends.	Value of Shares. Par.	Market.
	M.	M.	M.	M.						$	$	$	$	$	$	$	$	M.	M.	Number.	Tons.	$	$	pc.	$	p.c
Sept. 30, 1876	60.0	—	2.5	125.0	3	4	3	55	Adirondack.....New York	3,113,515	*	.....	.....	3,763,000	640,000	1,971,733	—	60.0	67,454	28,006	20,955	78,713	4,271	—	100	....
Dec. 31, 1876	81.0	—	3.5	—	14	8	3	109	Alabama Central.....Alabama.	3,600,000	*	.....	.....	2,000,000	1,600,000	512,000	—	92.8	.....	.....	.....	.....	.....	—	100	....
Dec. 31, 1876	296.0	—	14.8	—	19	13	5	230	Alabama and Chattanooga.Ala. Miss. &c.	10,500,000	*	.....	.....	2,700,000	7,893,000	.....	—	296.0	.....	.....	.....	.....	.....	—	100	....
Sept. 30, 1877	142.2	34.7	36.8	—	45	25	14	1,720	Albany and Susq. †(D. & H.)..New York.	9,697,776	*	.....	.....	3,500,000	6,046,000	.....	—	177.2	.....	304,901	779,693	1,161,126	d261,617	7	100	87
Oct. 31, 1876	182.0	128.5	77.8	—	74	31	10	2,008	Allegheny Valley†.....Pennsylvania.	21,567,163	2,395,863	5,970,990	.....	2,166,500	23,138,400	2,462,616	—	260.8	1,455,012	791,159	2,202,321	2,488,254	1,085,096	—	50	....
Nov. 30, 1876	4.5	—	0.3	31.3	—	—	—	—	Allentown (P. & R.) .....Penn.	1,084,202	.....	.....	.....	568,884	.....	727,429	—	4.5	.....	.....	.....	2,348	945	—	50	....
Dec. 31, 1876	48.0	—	3.0	102.0	3	2	1	28	Arkansas Central †(3 ft. 6 in.)..Arkansas.	3,920,000	*	.....	.....	2,500,000	1,420,000	.....	—	48.6	72,500	.....	.....	35,918	.....	—	100	....
Dec. 31, 1876	62.6	—	6.2	—	—	—	—	—	Ashtab Youngst'wn&Pitts. (Pa.)...Ohio.	3,748,639	—	3,049	.....	1,617,582	1,900,000	212,787	—	62.6	242,577	86,898	337,842	226,941	87,643	—	100	....
Dec. 31, 1876	148.9	—	9.7	—	10	6	3	260	Atchison and Nebraska.....Kan. & Neb.	2,960,038	*	200,776	1,663,961	—	3,750,000	1,077,774	—	148.9	309,498	40,884	136,647	416,225	93,166	—	—	20
Dec. 31, 1876	470.1	—	28.5	—	41	22	7	1,004	Atchison, Topeka & Santa Fe....Kansas.	22,215,612	1,224,160	349,835	142,744	8,615,000	14,550,210	978,317	113,823	711.6	1,733,596	133,727	326,629	2,486,683	1,311,094	—	100	105½
Oct. 31, 1876	265.8	—	13.3	—	16	7	9	79	Atlanta & Char. Air Line †...Ga.NC.&SC.	5,950,000	*	.....	.....	1,700,000	4,250,000	.....	—	265.8	.....	.....	.....	.....	.....	—	100	....
June 30, 1877	80.7	—	4.0	—	21	5	5	164	Atlanta and West Point .....Georgia.	1,194,061	*	13,285	73,252	1,282,200	83,000	5,464	99,906	87.2	.....	36,293	75,634	311,159	106,960	8	100	....
Sept. 30, 1876	387.5	35.3	159.3	—	170	45	25	2,595	Atlantic and Great West. N.Y. Penn. & O.	71,476,754	9,946,863	.....	.....	34,675,804	68,994,811	6,475,126	—	562.7	4,112,594	918,668	2,507,196	3,672,365	717,974	—	100	....
Dec. 31, 1876	237.0	113.0	18.0	—	26	19	8	438	Atlantic and Gulf †.. Georgia & Florida.	7,868,686	*	18,330	209,607	4,476,677	3,566,500	371,761	—	350.0	651,387	86,913	.....	959,378	352,918	—	100	....
Sept. 30, 1876	405.0	20.0	30.0	—	87	35	17	1,021	Atlantic, Mississippi and Ohio†..Virginia.	19,396,206	*	6,371,130	849,914	7,121,900	16,080,080	746,818	2,427,860	428.0	1,866,697	313,757	328,016	1,742,251	540,539	—	100	....
Dec. 31, 1876	149.5	5.5	28.0	—	49	44	—	—	Atlantic and St. Lawrence.Me.,N.H.& Vt.	3,484,000	*	.....	.....	5,000,000	3,484,000	.....	—	155.0	860,133	169,263	458,193	983,449	d242,601	6	100	....
Nov. 30, 1876	53.0	—	5.6	—	—	—	—	—	Augusta and Savannah (C. of Ga.)....Ga.	1,032,200	—	.....	.....	733,700	.....	.....	—	53.0	.....	.....	.....	.....	73,000	10	100	....
Dec. 31, 1876	9.6	—	0.2	—	—	—	—	—	Bachman Valley (H. J., H. and G.).Penn.	112,412	—	.....	.....	66,792	45,000	.....	—	9.0	6,192	2,569	3,614	3,674	1,349	—	50	....
Dec. 31, 1876	51.1	2.5	4.5	—	—	—	—	—	Bald Eagle Valley .....Pennsylvania.	1,050,000	—	10,000	.....	550,000	416,900	.....	—	52.6	.....	.....	.....	169,880	67,952	8	50	....
Sept. 30, 1876	379.6	81.7	106.0	—	520	253	54	11582	Baltimore and Ohio †....Md. & W. Va.	29,352,143	12,106,058	41,388,065	5,064,436	17,735,047	31,980,980	3,072,359	36,022,366	1,466.5	3,892,087	.....	.....	9,632,361	4,220,725	10	100	87
Sept. 30, 1876	30.0	—	35.3	—	—	—	—	—	Washington Branch †.....Maryland.	1,650,000	—	—	654,890	1,650,000	20,000	—	634,890	30.8	721,811	.....	.....	367,149	261,315	—	100	140
Sept. 30, 1876	103.5	—	14.5	—	—	—	—	—	Parkersburg Branch.. ....W. Virginia.	8,325,514	—	—	—	5,680,685	140,000	2,504,829	—	103.5	.....	.....	.....	677,962	35,506	—	100	3½
Sept. 30, 1876	271.2	—	32.6	—	—	—	—	—	Baltimore, Pittsb. & Chic.(B&O)O.,I.&Ill.	8,854,271	—	—	—	—	—	8,854,271	—	271.2	.....	.....	.....	1,231,786	166,703	—	—	....
Dec. 31, 1876	73.1	17.1	15.4	—	26	45	10	266	Baltimore and Potomac.....Maryland.	8,308,429	696,010	937,008	90,187	3,533,250	6,264,000	214,334	—	90.2	569,678	133,682	223,079	722,485	119,735	—	100	....
Dec. 31, 1876	30.3	—	4.1	—	—	—	—	—	Baltimore Short Line (Mar. & Cinc.) Ohio.	1,996,681	—	—	—	1,101,400	750,000	90,868	—	30.3	.....	.....	.....	.....	.....	—	100	....
Dec. 31, 1876	62.5	—	1.0	—	4	2	2	61	Bangor and Piscataquis (Me. Cent.) ..Me.	1,371,708	—	—	—	356,000	925,000	90,708	—	62.5	.....	.....	.....	.....	.....	—	100	....
Dec. 31, 1876	16.2	—	6.0	—	5	2	1	369	Barclay (Towanda Coal Co.).....Pa.	622,600	—	—	—	1,000,000	15,500	—	—	16.2	60,350	13,223	302,006	56,012	35,000	8	50	....
Sept. 30, 1876	9.4	—	1.0	—	2	3	1	4	Bath and Hammondsport.....N. Y.	115,369	18,097	.....	.....	75,250	38,000	9,000	—	9.4	19,144	20,664	2,910	11,218	2,352	—	100	....
Dec. 31, 1876	39.0	10.5	4.8	—	—	—	—	—	Bedford and Bridgeport (H. & B. T.).Pa.	1,419,008	—	—	—	352,227	1,000,000	392,723	—	49.5	.....	.....	.....	77,218	df. 1,076	—	50	....
Dec. 31, 1876	33.5	—	—	—	—	—	—	—	Belfast and Moosehead Lake (Me. C.).Me.	900,000	—	—	—	750,000	150,000	1,000	—	33.5	.....	.....	.....	.....	36,000	6	100	....
Nov. 30, 1876	8.3	—	1.3	—	2	1	1	35	Bell's Gap..... .....Penn.	201,347	19,775	19,341	.....	200,000	200,000	—	—	8.3	31,032	5,249	30,397	44,032	24,971	—	50	....
Dec. 31, 1876	56.4	—	4.4	—	—	—	—	—	Belleville & So. Illinois(St.L.,A.&T.H.).Ill	2,780,000	—	—	—	1,680,000	1,100,000	.....	—	56.4	.....	.....	.....	.....	95,264	—	100	....
Dec. 31, 1876	21.2	—	3.9	—	5	2	—	101	Bellefonte and Snow Shoe.....Penn.	323,291	134,890	35,508	.....	600,000	99,000	.....	—	25.3	56,837	11,450	78,165	204,680	25,057	3	50	....
Dec. 31, 1876	67.0	16.7	15.0	—	43	28	13	950	Belvidere Delaware (Penn. R. R.)...N. J.	4,533,516	*	.....	.....	1,145,150	3,494,500	199,577	—	83.7	.....	.....	.....	925,873	210,127	—	100	....
Sept. 30, 1876	22.0	—	2.0	—	—	—	—	—	Berkshire (Housatonic) .....Mass.	600,000	—	6,000	7,675	600,000	—	245	13,430	22.0	.....	.....	.....	42,617	35,457	5.9	100	....
Dec. 31, 1876	22.0	—	3.0	—	4	4	....	140	Bingham Canyon & Camp Floyd...Utah.	1,200,000	*	.....	.....	600,000	600,000	.....	—	22.0	.....	.....	66,000	138,753	79,863	—	100	....
Sept. 30, 1877	201.6	48.0	364.2	—	243	190	54	5,325	Boston and Albany.... Mass. & N. York.	24,368,716	3,154,400	2,910,015	825,775	20,000,000	7,000,000	1,870,509	2,380,395	321.6	5,045,728	5,293,351	2,601,657	6,762,148	2,167,101	8	100	136
Sept. 30, 1877	36.5	—	5.7	—	7	7	4	87	Boston, Barre and Gardner.....Mass.	1,484,047	*	—	87,366	868,002	448,000	299,832	—	52.5	.....	.....	.....	151,638	df. 3,565	—	100	....
Sept. 30, 1877	91.0	34.3	36.5	—	39	54	27	1,091	Boston, Clinton, Fitchb. & New B.. Mass.	4,832,304	975,575	2,134,266	295,917	2,588,500	3,169,100	2,693,054	—	151.5	.....	.....	.....	1,046,254	214,153	7	100	131
Mar. 31, 1877	145.0	21.0	19.0	—	29	27	15	590	Boston, Concord and Montreal .....N. H.	2,850,000	*	1,808,750	155,328	1,800,000	2,457,000	15,640	561,447	166.0	703,487	211,688	128,433	649,308	191,930	6pf	100	....
Sept. 30, 1877	26.7	19.2	22.1	—	47	62	22	1,270	Boston and Lowell.....Mass.	4,562,987	417,669	847,926	570,643	3,250,000	2,124,500	582,948	491,776	82.9	939,807	1,941,487	568,430	1,137,769	230,031	—	500	694
Sept. 30, 1877	115.5	11.0	112.1	—	77	135	31	1,920	Boston and Maine.....Mass., N. H. & Me.	9,514,637	1,242,230	1,019,903	155,397	6,921,274	3,500,500	78,242	1,433,149	204.7	1,647,759	4,442,019	698,881	2,267,019	669,964	5	100	110½
Sept. 30, 1876	50.0	—	3.6	—	8	11	5	118	Boston and New York Air Line....Conn.	3,312,103	*	—	32,977	2,831,158	380,000	123,911	25,011	50.0	189,550	182,356	49,408	167,991	37,617	—	100	....
Sept. 30, 1877	44.0	18.5	66.0	—	43	92	16	622	Boston and Providence.....Mass. & R. I.	4,698,174	*	796,565	358,014	4,000,000	500,000	958,990	393,760	66.5	803,067	3,197,600	531,350	1,273,362	247,954	6	100	112
Sept. 30, 1877	8 8	—	1.0	—	6	23	—	26	Beston, Revere Beach and Lynn...Mass.	590,567	—	—	18,421	349,200	4,000	206,571	49,317	8.8	.....	.....	.....	115,080	26,743	2	100	944
Dec. 31, 1876	18.8	—	1.0	—	—	—	—	—	Bucksport & Bangor (E. & N. A.).Maine.	599,300	—	—	—	276,523	396,000	80,000	—	18.8	.....	.....	.....	20 000	4,000	—	100	....
Sept. 30, 1876	43.2	—	8.0	—	2	5	2	87	Buff., Corry and Pittsb.... N. Y. & Penn.	1,546,931	*	—	—	—	700,000	—	—	43.2	144,320	79,619	175,993	156,017	9,481	—	100	....
Sept. 30, 1876	66.5	—	6.5	—	5	9	2	115	Buffalo and Jamestown.....New York.	2,668,467	169,652	—	—	1,362,153	1,125,500	176,203	—	66.5	170,002	133,258	41,427	164,807	27,692	—	100	....
Sept. 30, 1876	139.9	—	82.9	—	—	—	—	—	Buffalo, N. Y. & Erie.(Erie).N.Y.& Penn.	3,330,000	—	—	—	950,000	2,380,000	—	—	139.9	.....	.....	.....	.....	240,100	7	100	....
Sept. 30, 1876	120.5	—	19.2	—	23	15	5	1,037	Buff., New York and Phila. N.Y. & Penn.	5,269,914	1,015,648	.....	.....	1,806,650	3,437,500	1,182,278	—	120.5	476,039	207,377	375,090	656,814	296,406	—	100	....
Dec. 31, 1876	218.5	149.0	24.0	—	34	15	8	916	Burl., Cedar Rapids and Northern..Iowa.	11,700,000	*	.....	.....	5,500,000	6,200,000	.....	—	367.5	.....	.....	.....	1,129,070	258,224	—	100	31
Dec. 31, 1875	190.1	—	20.8	—	16	12	7	279	Burlington and Missouri River.....Neb.	15,815,747	*	.....	.....	8,557,800	7,277,947	.....	.....	239.6	494,169	.....	.....	723,843	372,200	—	100	125
Dec 31 1876	181.0	—	40.0	12.0	6	5	2	107	Burlington and Southwestern. Iowa & Mo.	5,430,000	*	.....	.....	1,810,000	3,620,000	.....	.....	181.0	.....	.....	.....	111,221	d. 11,790	—	100	....
Jun. 30, 1876	146.5	—	5.0	—	13	3	5	398	Cairo and St Louis (narrow).....Ill	7,772,500	69,029	435,000	19,501	5,000,000	2,500,000	871,459	—	146.5	332,519	82,114	163,296	295,778	d. 27,597	—	100	....
Jun. 30, 1876	157.0	—	9.5	—	11	8	4	255	Cairo and Vincennes.....Illinois.	7,172,040	468,996	.....	.....	2,625,000	5,000,000	.....	.....	157.0	231,679	64,264	82,799	218,033	d. 32,476	—	100	....
Dec. 31, 1876	60.0	53.2	17.0	—	12	17	6	229	California Pacific.....California.	20,213,144	395,013	141,014	.....	12,000,000	8,330,000	1,900,000	—	152.4	340,391	339,715	299,724	1,296,522	229,649	—	100	....
Dec 31, 1876	60.0	7.0	8.0	—	12	62	6	144	Camden and Atlantic.....New Jersey.	1,912,108	522,361	183,077	16,953	1,215,711	1,090,750	46,333	281,804	67.0	261,826	528,392	93,956	564,851	266,973	8	50	88
Dec. 31, 1876	22.4	7.1	5.8	—	—	—	—	—	Camden and Burl. Co. (U.C. of N.J.)N. J.	715,362	—	—	.....	381,925	350,000	.....	.....	29.6	.....	.....	.....	185,568	72,399	6	100	....
Dec. 31, 1876	41.3	—	5.7	—	—	—	—	—	Cape May and Millville (W. Jer.)....N.J.	832,648	—	—	.....	500,000	500,000	.....	.....	41.3	.....	.....	.....	.....	.....	6	100	....
Mar. 31, 1877	242.0	—	20.0	—	23	16	6	318	Carolina Central.....N. C. & T.	10,202,000	*	.....	.....	4,202,000	6,000,000	.....	.....	24.2	.....	.....	.....	384,569	127,722	—	100	....
Sept. 30, 1876	36.0	—	1.0	—	2	2	1	8	Carthage, Water'n & Sackett's H..N.Y.	757,857	25,826	.....	.....	486,953	300,000	6,000	.....	30.0	.....	.....	.....	.....	19,962	—	100	....
Sept. 30, 1876	20.0	5.5	8.0	—	6	3	2	656	Catasauqua and Fogelsville.....Penn.	742,157	*	20,000	.....	426,900	.....	.....	.....	25.5	72,616	10,028	361,542	83,803	25,614	6	25	....
Nov. 30, 1876	92.6	—	20.0	—	—	—	—	—	Catawissa (Phila. and Reading).....Penn.	6,126,500	—	—	.....	4,359,500	1,740,350	—	—	92.6	.....	.....	.....	.....	.....	6½p	50	16
Sept. 30 1876	34.6	—	6.0	—	—	—	—	—	Cayuga & Susquehanna(D.L.&W.)..N.Y.	1,183,012	—	—	.....	589,110	—	—	—	34.6	90,597	33,158	72,225	75,314	df. 4,984	0	100	....
Sept. 30, 1876	38.0	—	43.0	—	6	6	3	44	Cayuga .....Penn.	1,200,383	99,617	.....	.....	300,000	1,000,000	16,687	.....	38.0	96,764	64,014	158,567	88,695	df. 25,527	—	100	....
Dec. 31, 1876	75.6	—	3.1	—	—	—	—	—	Cedar Falls and Minnesota .....Iowa.	3,174,000	—	—	.....	1,587,000	1,587,000	.....	.....	75.6	.....	.....	.....	137,849	.....	—	100	....
Dec. 31 1876	271.6	2.6	10.0	—	—	—	—	—	*Cedar Rapids and Mo. Riv.* (C.&N.W.).Ia.	11,234,000	—	—	.....	7,620,000	3,614,000	.....	.....	274.2	.....	.....	.....	.....	621,553	4	100	102½
Aug. 31, 1876	192.0	102.5	60.0	—	111	93	26	1,611	Central of Georgia.....Georgia.	7,500,000	*	3,075,411	.....	7,500,000	3,222,000	.....	.....	712.5	1,675,485	95,420	.....	2,601,542	983,541	—	100	....
June 30, 1876	40.0	—	1.4	—	1	1	1	16	Central of Minnesota.....Minnesota.	1,021,855	*	.....	.....	587,300	600,000	28,400	—	40.0	24,960	5,900	21,963	46,030	4,277	—	100	....
Dec. 31, 1876	73.4	37.0	178.0	—	253	167	74	19242	Central of New Jersey.....New Jersey.	18,285,514	2,405,378	18,775,387	5,083,739	20,600,000	24,760,000	6,250,018	—	359.6	4,804,200	4,922,908	2,694,719	6,983,173	3,188,469	2½	100	43½
Oct. 30, 1876	137.0	—	33.1	—	31	19	8	341	Central Ohio (B. & O.)..... Ohio.	5,500,000	*	2,511	327,617	3,000,000	2,500,000	42,592	287,536	137.0	1,350,554	256,984	608,486	889,191	51,837	6	50	53½

Dec. 31, 1876	832.9	239.2	169.4	—	228	228	52	4,056	*Central Pacific*†.....Cal. Nev. & Utah.	133,048,315	7,494,209	8,323,221	800,318	54,275,500	55,457,000	29,667,975	10,265,589	1,212.8	6,196,254	5,772,659	1,174,056	15,146,944	2,414,269	8	100	....

Dec. 31, 1876	332.0	329.9	169.4	—	228	228	52	4,056	*Central Pacific*	Cal. Nev. & Utah.	123,648,315	7,494,209		8,823,221		800,318	54,275,500	55,457,000	28,667,975	10,265,589	1,212.8	6,196,254		5,772,659		1,114,086	18,146,944	9,414,369	8	100	....
June 30, 1876	118.0	43.0	70.0	—	170	67	39	2,229	Central Vermont	Vt.							(Ope																			
June 30, 1876	100.0	—	15.0	—	6	6	3	122	*Central Br. of Union Pacific*	Kan.	3,763,700	*					rations for	r two ye	ars.		701.4	4,342,756		1,279,575		2,425,552	5,244,636	1,693,571	—	100	....
Sept. 30, 1876	195.0	—	12.0	—	24	17	9	209	Charlotte, Col. & Augusta	N. C. & S. C.	5,131,364	*					1,000,000	1,600,000	148,740		100.0						114,414	df. 17,086	—	100	....
Sept. 30, 1876	17.8	—	4.4	—					Chemung (Northern Central)	N. Y.	380,000			269,537	148,108		2,578,000	2,506,000	136,158	315,851	195.0	402,247		50,880		99,139	524,562	172,984	—	100	....
Dec. 31, 1876	22.8	—	2.9	—					Chartiers (Penn.)	Pennsylvania.	1,093,561						380,000				17.8	198,522		175,400		992,795	239,774	64,713	6	100	....
Sept. 30, 1876	40.0	—	2.1	—	2	2	1	32	Cheraw and Darlington	South Car.	680,000	*		49,148	12,489		647,910	500,000	7,287		23.8	48,157		119,986		65,097	77,176	44,231	—	100	....
Sept. 30, 1876	427.8	5.0	67.9	—	77	33	16	2,214	Chesapeake and Ohio	Va. & W. Va.	34,014,825	2,899,906					392,100	270,400	16,181	13,530	40.0	33,200		9,613			49,372	21,573	—	100	....
Sept. 30, 1877	53.6	—	14 2	—	31	22	10	417	Cheshire	N. H. & Mass.	2,717,535	*				15,900,402	28,047,075	2,297,815			432.8	1,880,666		189,950		415,462	1,599,512	856,476	—	100	....
Dec. 31, 1876	243.5	121.8	150.6	—	156	75	26	3,080	Chicago and Alton	Illinois.	20,687,666	*		1,476,681	310,615	12,490,872	8,659,850	1,322,112	23,127	16,866	88.1						323,763	78,156	lpf	100	29
Dec. 31, 1876	486.2	811.7	237.4	—	306	116	61	6,080	Chicago, Burlington & Quincy	Ill. & Ia.	50,193,931	8,986,755		2,408,921	3,680,396	27,598,242	27,501,325	6,179,052	8,991,383		677.8	3,813,586		873,875		1,818,235	4,960,529	2,269,467	8	100	77
June 30, 1876	67.6	—	4.7	117.4	17	2	1	236	Chicago and Canada So.	Mich. O. & Ind.	5,411,685	*		225,000	160,130	2,667,400	2,564,350	555,065			1,342.0			2,215,783		2,892,614	12,087,795	5,189,249	10	100	114
Dec. 31, 1876	108.0	24.0	29.0	—	29	7	7	1,068	Chic., Danville and Vincennes	Ill. & Ind.	7,428,122	*				2,693,200	3,915,000				67.6	102,365		19,028		63,596	83,552	df. 16,027	—	100	....
Dec. 31, 1876	59.3	—	12.9	—	19	17	4	81	Chic., Det. & Can. G'd J'tn (G. T.)	Mich.	2,073,985	*				978,985	1,095,000				158.5					485,705	872,166	300,802	—	100	42
Dec. 31, 1876	118.0	15.0	13.5	—	10	5	2	296	Chic., Dubuque and Minnesota	Io. & Minn.	6,798,300	*				2,500,000	4,427,000				59.3	563,875		162,237		834,827	453,414	36,359	—	100	....
June 30, 1876	80.0	—	8.0	—	15	6	5	150	Chicago and Iowa (C. B. & Q.)	Illinois.	2,895,000	263,000		20,000		1,328,000	1,750,000	100,000			133.0	171,520		59,525		95,975	2,5,035	39,904	—	100	40
May 31, 1877	82.4	—	16.7	—					Chicago, Iowa and Nebraska (C&NW)	Ia.	4,695,500					3,916,200	779,700				103.0	570,000					490,793	169,308	—	100	....
Dec. 31, 1876	232.0	—	9.0	—	10	9	4	202	Chicago and Lake Huron	Mich. & Ind.	12,373,646	305,774		378,000		5,775,000	5,518,000	1,741,550	5,002		82.4							471,464	10	100	133
Dec. 31, 1876	170.0	76.0	26.0	—	26	12	9	587	Chicago and Michigan Lake Shore	Mich.	7,074,959	*		308,540	80,799	1,485,200	6,630,000	2,069,098			232.0	742,317		155,959		157,618	311,500	17,867	—	100	....
Dec. 31, 1876	1,400	—	182.0	—	208	115	60	4,243	Chicago, Milwaukee & St. Paul	Wis. I. & M.	56,277,226	*		2,110,942	1,369,023	27,673,744	30,010,500	639,303	1,433,645		245.0	404,884		240,726		223,710	566,216	79,167	—	100	....
May 31	1,502	491.2	260.0	—	342	175	80	7,947	Chicago & Northwestern	Ill. Wis. & Mich.	71,059,939	*		1,896,334	2,165,004	36,464,827	32,029,250	2,268,455	4,358,746		1,671.7	4,817,081		1,151,181		1,705,801	3,054,171	3,100,847	—	100	42
June 30, 1876	88.3	—	7.3	51.7	5	4	2	70	Chicago and Pacific	Ill.	1,000,000	71,850				345,500					1,993.3	9,631,104		3,347,853		3,413,398	11,877,500	5,329,320	—	100	59
June 30, 1876	156.0	—	10.0	—	6	4	4	176	Chicago and Paducah	Illinois.	2,695,068	*				200,000	2,961,000				88.3	184,160		62,826		48,752	176,529	38,783	—	100	....
Mar. 31, 1877	500.2	151.7	224.0	—	229	87	32	2,167	Chicago, Rock Island & Pacific	Ill. & Iowa	32,690,292	*		9,805,314	648,730	25,000,000	10,000,100	6,702	8,187,534		156.0					222,729	879,422	194,085	—	100	....
June 30, 1876	85.1	—	9.4	—	2	2	2	29	Chicago, Pekin & Southwestern	Illinois.	1,941,508	*					826,500	1,000,000	61,700		1,003.0	4,796,920		1,455,366			6,917,667	3,384,462	8	100	131
Dec. 31, 1876	20.0	—	1.0	18.0	2	1	1	19	Chic., Saginaw and Canada	Michigan.	435,000						286,000	185,000	460,000		85.1	59,762					99,016	46,723	—	100	....
June 30, 1876	5.6	—	11.6	—					Cincinnati and Baltimore	Ohio.	1,702,749										20.0	25,040		8,869		3,015	10,361	df. 2,908	—	100	....
Mar. 31, 1877	59.9	—	37.8	—	35	35	15	471	Cincinnati, Hamilton and Dayton	Ohio.	3,844,084	1,121,251		3,426,607	249,246	3,500,000	3,091,000	686,243	1,268,945		5.6						114,900	2,541	s	50	....
Mar. 31, 1877	98.2	—	8.4	—	20	7	4	443	Cin., Hamilton & Ind. (C., H. & I.) O. & Ind.		2,412,914	282,073		59,855			2,500,000	977,033			59.9	1,696,671		1,426,083		1,089,271	946,921	1,538	—	100	....
June 30, 1876	20.5	—	10.6	—					Cincinnati and Indiana (I. C. & La. F.)	O.	2,032,209										98.2						393,522	df. 8,344	—		
June 30, 1876	56.0	—	9.0	—	10	3	2	542	Cincinnati, Lafayette and Chic.	Ill. & Ind.	3,759,082	*		53,303	14,356	1,929,200	1,591,000	154,655	155,865		20.5								—	50	....
Dec. 31, 1876	148.4	—	13.5	—	14	12	4	327	Cincinnati and Muskingum Valley	Ohio.	5,540,164	*		18,690	57,121	3,997,320	1,500,000	444,269			66.0	298,232		115,045		233,422	413,340	176,657	—	100	....
Mar. 31, 1877	42.0	—	2.7	—	5	—	3	172	Cin., Rich. and Chic. (C. H. & D.)	O. & Ind.	826,783	184,552		700		382,600	625,000	11,136			148.4			186,632		192,788	322,359	def. 7,874	—	50	....
Mar. 31, 1876	91.5	—	4.5	—					Cin., Rich. & Ft. Wayne (G. R. & I.)	Ind.	3,756,952					2,000,000	1,800,000				42.0						185,746	47,132	—	50	....
June 30, 1876	129.4	15.5	14.6	—	35	26	12	876	Cincinnati, Sandusky & Cleveland	Ohio.	6,215,332	*		1,016,029	100,307	4,434,787	2,420,512	400,368	76,006		91.5	1,132,195		90,118		72,204	200,960	94,436	—	100	....
une 30, 1876	48.8	—	10.2	—	16	15	8	300	Cincinnati and Springfield (C., C., C. & I.)	O.	3,100,000	651,000				1,100,000	2,551,000	936,277			189.3	969,569		305,032		424,367	868,077	286,169	6pf	50	14
Sept. 30, 1876	15.9	—	0.7	—				....	Clayton and Theresa (U. & B. R.)	N. Y.	278,639	42,084					203,570	200,000	19,194		96.3						197,747	df. 26,416	—	50	....
Dec. 31, 1876	341.2	50.0	116.2	—	140	58	21	1,586	Cleveland, Col. Cin. & Ind.	Ohio & Ind.	17,978,558	*									15.9								—	100	....
June 30, 1876	67.0	56.3	45.0	—					Cleveland and Mahoning Valley	Ohio.	4,526,777			3,288,314	773,447	14,991,500	6,714,000	439,715	491,804		471.6	4,682,878		800,808		1,745,367	3,676,458	700,599	3	100	43
Dec. 31, 1876	144.0	3.6	18.5	—	20	13	6	598	Clev., Mt. Vernon and Del. (Pa. Co.)	O.	4,843,382	*		1,992,878	109,364	2,759,791	1,967,600	17,638	984,590		123.3						292,219	64,133	—	100	....
Dec. 31, 1876	123.8	76.0	64.5	—	97	43	22	3,100	Clev. and Pittsb. (Pa. Co.)	Ohio & Pa.	16,488,659			39,782	60,380	1,764,344	3,286,548	161,747			160.2	386,754		252,477		206,966	373,583	43,532	—	100	....
Jun. 30, 1876	101.1	—	28.2	—	15	6	2	530	Clev., Tuscarawas Val. & Wheeling	O.	4,435,969	*		531,322	378,838	11,242,786	5,146,344	787,458	221,282		199.7	1,745,055		635,151		1,190,394	2,282,030	989,288	7	50	96
Dec. 31, 1876	34.8	—	2.0	4.5					Columbia and Port Deposit	Penn.	2,689,392			7,153	30,580	1,055,950	3,168,935	248,818			101.1	405,437		167 762		356,943	292,063	124,755	—	50	....
Jun. 30, 1876	313.8	266.7	79.8	—	163	64	29	1,543	Col., Chic. & Ind. C. (Pa. Co.)	O. & Ind	27,659,444	*		31,346		208,177	1,603,000	419,045			34.8	19,770		59,142		86,474	7,417	5,518	—	50	....
Jun. 30, 1876	44.4	—	2.0	—					Col., Springfield & Cin. (C., S. & C.)	Ohio.	2,000,000			1,249,654		18,969,823	24,859,724	79,550			580.5	4,187,554		772,282		1,472,183	3,666,006	605,142	—	100	71
Dec. 31, 1876	75.0	18.0	25.5	—	31	9	3	2,088	Columbus and Hocking Valley	Ohio.	3,102,109	1,263,042		12,664	43,025	1,000,000	1,000,000	4,100	51,589		44.4						81,124	81,124	—	50	....
June 30, 1876	54.7	—	9 7	—					Columbus and Xenia (L. M.)	Ohio.	1,493,146			408,055	66,678	1,921,000	2,500,000	58,147	390,736		89.0	674,652		129,767		542,824	841,139	386,834	8	50	....
Mar. 31, 1877	35.0	7.0	54.9	—	38	44	16	922	Concord	New Hampshire.	1,500,000	*		759,919	2,387	1,786,200	302,000		167,253		54.7						142,896	142,896	8	50	105
Mar. 31, 1876	56.3	15.6	6.8	—	2	4	—	58	Concord and Claremont	New Hamp.	1,119,606	*		192,263	173,024	1,500,000		254,653	109,632		141.7	670,286		529,335		612,766	871,528	150,654	10	50	164
Sept. 30, 1876	20.2	7.0	0.5	—					Conn. Central (Conn. Valley)	Conn.	672,140	*		49,492	1,440	400,700	40,500	729,339			70.0						162,349	40,681	—	100	....
Sept. 30, 1877	50.0	5.8	36.9	—	18	26	13	359	Connecticut River	Massachusetts.	2,449,304	241,959		361,646	194,262	2,100,000	250,000	335,485	561,665		27.2	3,146		2,080		892	31,610	1,455	—	100	....
Sept. 30, 1876	46.4	—	5.7	—	6	14	7	110	Connecticut Valley	Connecticut.	3,064,389	*		300,382	17,260	1,069,000	2,250,000	626,425			55.8	342,710		896,743		292,029	573,303	207,680	8	100	139
Sept. 30, 1876	66.7	—	10.0	—	9	12	3	211	Connecticut Western	Connecticut.	4,893,899	*		20,386	71,688	1,591,844	3,000,000	184,110			46.4	162,075		303,763		75,544	268,842	12,693	—	100	....
June 30, 1877	110.3	—	15.0	—	27	14	9	660	Connecticut and Passump. Riv.	Vermont.	3,447,825	*		786,008	44,582	2,175,500	1,211,300	420,148	391,467		68.3	228,097		194,842		133,564	318,287	110,328	—	100	....
Oct. 31, 1877	6.8	—	16.5	—					Connecting (Pennsylvania.)	Penn.	2,358,789					1,278,300	997,000	89,489			226.1	406,145		136,969		166,183	604,596	244,310	—	100	404
Sept. 30, 1876	16.0	—	0.5	—	2	2	1	11	Cooperstown and Susq. Valley	N. Y.	446,438	44,915				308,405	140,000	6,816	6,760		6.8								6	50	....
Sept. 30, 1876	55.0	11.0	8.1	—	13	4	4	750	Corning, Cowanesque & Antrim	N. Y. & P.	1,900,000	*				1,900,000	500,000				16.0	21,504		33,153		9,506	33,596	7,227	—	100	....
Dec. 31, 1876	7.5	4.2	3.1	—	3	—	—	165	Cornwall	Penn.	349,816	82,112		600		300,000					64.0	244,383		73,598		621,792	341,082	168,906	7	50	....
Sept. 30, 1876	82.2	—	20.0	—	21	25	6	274	Cumberland Valley	Md. & Penn.	1,887,466	*		1,104,425	240,040	1,777,850	352,800	59,704	1,042,077		11.7	15,396				125,724	70,618	44,759	10	50	....
Dec. 31, 1876	61.5	17.0	5.0	—	4	2	2	70	Dakota Southern	Iowa and Dakota.	1,369,000	*		2,641,013	6,843		450,000	47,110			125.3	348,685		377,397		358,664	547,994	298,101	10	50	....
Sept. 30, 1876	23.8	10.0	5.0	—	7	8	3	77	Danbury and Norwalk	Connecticut	971,094	164,739		54,684		600,000	500,000		90,590		78.5	335,600		22,936		50,557	196,788	93,585	—	100	....
Dec. 31, 1876	43.4	—	5.4	—	2	2	1	17	Danv., Hazleton & Wilkesb. (P. & E.)	Pa.	1,072,350	30,250				658,500	1,447,000	187,000			33.8	106,700		190,715		58,487	178,478	81,267	6	100	....
Mar. 31, 1877	142.7	—	21.0	—	29	14	4	656	Dayton and Michigan (C., H. & D.)	Ohio.	5,806,564	780,564		291,189	73,721	3,687,108	2,728,800	661,680			43.4						97,601	17,260	—	50	....
June 30, 1876	31.7	—	1.8	—	5	4	3	61	Dayton and Union	Ohio.	619,249	*		73,985	11,115	86,300	502,445	8,374	107,221		142.7						905,685	254,420	34	50	....
Oct. 31, 1876	84.2	1.8	9.5	—					Delaware	(P. W. & B.)	Delaware.	1,988,866				1,399,248	771,700				46.7	108,286		83,535		58,480	108,276	24,630	—	50	....
Dec. 31, 1877	27.0	4.0	27.0	—	7	12	3	42	Delaware and Bound Brook	N. Jer.	2,998,046	*				1,514,000	1,500,000	259,033			85.5	269,731					392,079	117,624	6	25	....
Dec. 31, 1876	31.5	71.7	141.3	—	68	6	5	4,255	Delaware and Hudson	Penn.	6,195,512	*		30,401,766	2,687,821	20,000,000	15,116,000	3,124,776	1,048,324		31.0						238,466	67,044	—	100	....
Dec. 31, 1876	115.0	60.0	498.6	—	153	35	17	15681	Delaware, Lack. and Western	Penn.	29,520,385	*		5,593,488		26,200,000	2,820,100	880,316	5,213,438		611.6	710,727		162,151		1,760,272	907,586	284,193	9	100	....
Dec 31 1876	106.0	—	5.5	—	6	4	4	30	*Denver Pacific* (K. P.)	Col. & Wy.	6,495,350	*			662	246,886	4,000,000	2,416,000	132,690	194,196	638.2	2,563,294		702,889		2,923,029	9,372,429	4,639,049	5	50	52
Dec. 31, 1876	255.0	43.0	10.5	595.6	19	15	6	431	Denver and Rio Grande (narrow)	Col.	13,140,500	*					7,000,000	6,140,500			106.0	114,221		21,715		98,896	331,146	165,587	—	100	....
Dec. 31, 1876	88.0	—	8.0	—	9	6	3	183	Des Moines and Fort Dodge	Ia.	2,260,000	*					60,000	2,200,000			295.0	591,976		29,588		102,802	888,496	161,600	—	100	225
Dec. 31, 1876	109.0	8.4	9.5	—					Detroit and Bay City	(M. C.)	Mich.	3,661,239			109,103	1,325,750	2,330,000	493,261			88.0						170,154	50,076	—	100	....
Dec. 31, 1876	94.0	—	7.0	—	9	12	—	160	Detroit, Eel River and Illinois	Michigan.	3,724,000	*				1,100,000	2,624,000				116.2	280,055		151,285		139,898	385,717	125,540	—	100	....
Dec. 31, 1876	64.8	—	3.4	—	4	4	—	50	Detroit, Hillsdale & Southwestern	Mich.	1,271,049	45,138		49,569	22,099	1,350,000	25,040	6,30	6,145		94.0								—	100	....
Dec. 31, 1876	160.6	20.9	24.5	—	20	15	6	749	Detroit, Lansing & Northern	Mich.	6,578,316	*			105,825	1,680,000	6,054,000	1,108,728			64.8	81,000		38,461		22,990	64,404	2,418	—	100	....
De . 31, 1876	189.0	2.6	32.0	—	38	30	9	448	Detroit and Milwaukee	Michigan.	10,611,217	*				2,517,140	7,119,310				182.5	560,173		254,134		264,236	743,088	212,333	—	100	90
Dec. 31, 1876	142.9	—	16.0	—					*Dubuque and Sioux City*	(Ill. Cen.) Iowa.	5,882,000					5,000,000	882,000		57,125		191.6			378,234			977,455	92,289	—	100	....
Sept. 30, 1876	90.6	—	10.8	—	12	11	2	88	Dunkirk, Allegheny Val. & Pitts.	N. Y. & P.	4,797,992	*				1,300,000	3,200,000	194,402			142.9						978,280	342,398	5	100	57
Sept. 30, 1876	58.6	—	8.0	—					Dutchess and Columbia	N. Y.						1,499,500	2,500,000				90.6	407,071		126,510		350,092	398,683	55,220	—	100	....
Sept. 30, 1877	20.8	—	1.8	—					Duxbury & Cohasset (South Sh.)	Mass.	455,800				2,772	390,000		101,160			58.6	116,750					189,620	6,999	—	100	....
June 30, 1876	9.5	2.2	—	—	3	25	....	....	East St. Louis and Carondelet	Ills.	530,000	*				300,000	200,000	30,000			20.8						84,223	df. 8,255	—	100	....
Dec. 31, 1876	27.8	—	0.8	—					East Brandyw. & Waynesb. (Pa.)	Penn.	522,500			2,500		145,550	375,000	2,000			11.7						77,580	33,301	—	100	....
Nov. 30, 1876	30.0	—	5 5	—	6	2	2	174	East Broad Top	Penn.	902,101	125,570				545,583	500,000	14,462			27.5								—	50	....
June 30, 1876	241 0	29.0	23.8	—	40	34	6	533	East Tenn., Va. & Ga.	Tenn. & Ga.	9,184,287	*		200,324	489,923	1,988,274	4,208,400	139,781	3,618,579		30.0						94,589	8,371	0.1	50	....
Nov. 30, 1876	7.5	3.2	3.8	—					East Mahanoy (P. & R.)	Penn.	392,552			600		392,552					270.0	895,934		198,414		1,058,956	343,560	3	100	....
Sept. 30, 1877	41.4	76.6	176.2	—	94	138	37	1,426	Eastern	Massachusetts.	7,000,000	1,921,900		1,736,291	288,919	4,997,000	13,476,777	1,771,534			10.7						25,604	22,763	5.8	50	....
Sept. 30, 1876	46 7	—	7.5	—					Elmira, Jefferson and Canan.	(N. C.) N. Y.	500,000					500,000					282 0	1,704,802		4,978,255		704,810	2,508,107	597,231	—	100	15
Sept. 30, 1876	6.5	—	0.5	—					Elmira State Line	N. Y.	130,170					88,960	142,575				46.7	396,036		118,003		731,583	414,711	29,378	5	50	....

RAILROAD SHARE LIST, including Mileage, Rolling Stock, Debts, Income, Dividends, &c., &c.

An asterisk (*) occurring in the column headed "Rolling Stock" signifies that the cost thereof is included, in that headed "Railroad." A *dash* (—) across the column signifies "nil," and running *dots* (.....) signify "not ascertained." Land Grant Railroads are printed in "*Italics.*" State-aid Railroads are distinguished by a "†."

Years ending.	Railroad. Main Line.	Branch Line.	2d Track and Sidings.	Railroad in progress.	Rolling Stock. Engines.	Cars. Pass.	Cars. B. M. E.	Cars. Freight.	Companies.	Abstract of General Balance Sheet. Property and Assets. Railroad.	Rolling Stock.	Assets.	Accounts and Cash.	Liabilities. Stocks.	Bonds.	Accounts.	Surplus Income.	Railroad Operated.	Operations. Trains Moved.	Passengers.	Freight.	Earnings. Gross.	Net.	Dividends.	Value of Shares. Par.	Market.
	M.	M.	M.	M.						$	$	$	$	$	$	$	$	M.	M.	Number.	Tons.	$	$	pc.	$	p.c.
Dec. 1, 1876	76.7		4.8						Elmira and W'msport (N.C.)..Pa. & N. Y.	2,268,500	352,000	.....	.....	1,000,000	1,620,000			76.7	614,789	68,521	64,856	633,316	92,219	5	50	56
Sept. 30 1877	460.0	96.5	652.8	—	505	304	97	11298	Erie .....New Jersey, N. York & Pa.	117,445,19	*	.....	.....	86,536,910	54,271,814	1,887,216		985.8	.....	4,887,238	6,182,451	15,436,558	2,506,780	—	100	28‡
Dec. 31, 1876	91.0	—	50.2	—	29	5	4	1,348	Erie and Pittsburg (Penn. R. R. Co.)..Pa.	3,179,771	1,895,725	.....	.....	2,000,000	3,322,000	.....		81.0	3,088,406	157,309	599,802	505,315	190,392	7	50	.....
Sept. 30, 1876	205.0	—	14.0	—	26	21	12	438	European & North Am.....Me. & N. Br.	10,694,450	664,317	.....	.....	3,600,550	6,750,000	.....		279.1	393,800	222,702	158,850	679,540	218,458	—	100	.....
Aug. 31, 1876	109.0	23.0	18.0	—	21	10	5	425	Evansville and Crawfordsville...Indiana.	3,141,033	*	66,824	109,634	1,144,715	1,068,500	88,478	1,070,797	182 0	363,423	130,269	221,833	510,740	159,162	—	100	.....
Sept. 30, 1876	55.3	—	6.1	—	7	4	2	301	Evansville, Terre Haute & Chi..Ind. & Ill.	1,634,904	*	4,797	46,346	426,535	1,100,000	159,513		55.3	.....	.....	.....	222,782	98,238	—	100	.....
Sept. 30, 1876	12.2	—	0.7	—	1	—	—	—	Fall River..... Mass.	422,139	7,700	—	8,421	200,000	200,000	34,729	3,530	12.2	29,551	26,265	13,982	25,036	10,530	—	100	.....
Sept. 30, 1877	50.7	42.6	94.0	—	67	75	21	1,499	Fitchburg .....Massachusetts.	4,814,767	*	1,164,268	195,399	4,000,000	500,000	1,152,248	522,169	178.4	1,371,525	2,149,290	955,771	1,920,414	342,179	6	100	115
Dec. 31, 1876	253.0	30.7	51.6	—	48	32	11	714	*Flint and Pere Marquette*.....Mich.	6,849,262	1,380,661	4,003,346	292,099	3,296,200	6,961,905	3,079,164		283.8	952,104	466,439	339,767	1,003,368	420,172	—	100	.....
Sept. 30, 1876	10.0	—	2.0	—	5	4	1	8	Fonda, Johnstown & Gloversville...N. Y.	455,685	76,085	.....	.....	300,000	300,000	49,002	.....	26.0	79,068	182,070	41,866	114,726	36,161	—	100	.....
Sept. 30, 1876	35.4	17.8	17.1	—	16	32	2	76	Flushing, North Shore and Cent...N. Y.	4,671,648	*	.....	.....	314,925	3,908,683	598,078	.....	53.1	222,385	750,582	.....	315,553	68,988	—	100	.....
Dec. 31, 1876	100.0	—	7.3	—	10	6	3	279	Ft. Wayne, Jackson & Sag..Mich. & Ind.	3,059,356	*	.....	31,690	1,258,230	2,000,000	11,767	.....	100.0	292,527	119,606	106,994	268,041	75,557	—	100	.....
Sept. 30, 1876	26.1	—	4.9	—	—	—	—	—	Framingham & Lowell (B.C.& F.).Mass.	1,405,575	*	.....	129,561	512,096	750,000	283,040	—	26.1	.....	.....	.....	.....	.....	—	100	.....
Sept. 30, 1875	31.0	—	1.0	—	1	—	—	29	Galena and So. Wisconsin (3 ft.) W. & Ill.	472,569	*	.....	.....	174,000	252,000	37,572	.....	31.0	.....	.....	.....	.....	.....	—	100	.....
Dec. 31, 1876	215.0	—	20.0	—	19	17	7	480	Galv., Harrisb. & St. Antonio †.....Tex.	7,872,841	662,997	.....	.....	4,267,179	2,178,000	.....	.....	215.0	428,890	40,719	113,426	842,294	516,384	—	100	.....
Sept. 30, 1876	75.6	—	8.9	—	9	6	3	147	Geneva, Ithaca and Sayre....New York.	2,472,869	*	.....	.....	980,600	1,406,000	448,457	.....	75.6	287,234	32,395	196,809	299,468	6,762	—	100	.....
Mar. 31, 1877	171.0	60.0	24.2	—	48	36	29	760	Georgia (& Banking).....Ga.	4,156,000	*	2,355,164	88,054	4,200,000	530,000	194,257	606,132	231.0	1,162,300	.....	.....	1,143,128	500,018	7	100	.....
Jun. 30, 1876	111.5	—	8.0	—	10	5	2	308	Gilman, Clinton & Springfield.....Illinois.	4,500,767	*	.....	.....	2,000,000	3,000,000	.....	.....	111.5	306,086	52,695	179,266	282,077	32,125	—	100	.....
Sept. 30, 1876	11.6	1.0	0.3	3.1	—	—	—	—	Goshen and Deckertown(Erie).New York.	291,700	—	—	—	105,800	246,500	1,000	—	11.6	—	—	—	—	21,500	—	100	.....
Dec. 31, 1876	332.1	26.0	29.4	—	38	22	10	1,138	*Grand Rapids and Indiana*...Mich. & Ind	11,051,898	*	111,939	224,198	2,800,000	8,000 000	1,422,329		449.6	1,149,599	518,570	348,248	1,137,539	316,507	—	100	.....
Dec. 31, 1876	46.0	—	4.3	—	5	3	2	225	Grand Rapids, Newago & L. Shore..Mich.	2,294,057	216,909	150,500	6,304	533,000	776,000	263,223	93,545	46.0	72,794	62,672	.....	112,622	63,893	—	100	.....
Jun. 30, 1876	726.0	289.0	350.0	—	454	274	84	7,573	Grand Trunk †.....Canada.	147,465,64	*	.....	.....	142,716,439	28,001,383	.....	.....	1,388.5	8,383,294	1,972,535	2,113,852	9,487,455	1,974,052	—	100	.....
July 31, 1876	229.4	266.4	234.8	—	216	162	45	4,622	Great Western †.....Canada.	33,999,690	3,116,297	2,405,559	.....	38,258,043	7,580,892	.....	.....	786.8	3,190,964	1,110,184	1,572,538	4,021,348	859,223	—	100	.....
Sept. 30, 1876	8.0	—	1.0	—	2	1	—	—	Greene (C., L. and W.).....New York.	359,109	36,500	.....	.....	200,000	170,000	28,876	.....	8.0	24,022	43,626	180,657	38,945	4,345	12	100	.....
Sept. 30, 1876	217.6	29.7	12.0	—	16	11	3	500	Green Bay and Minnesota.....Wisconsin.	12,230,565	*	—	1,247,645	7,938,900	3,979,000	1,725,753	—	247.3	326,339	56,306	66,944	306,272	21,454	—	100	.....
Dec. 31, 1876	3.5	—	0.3	—	1	1	—	17	Greenlick Narrow Gauge.....Penn.	25,610	6,325	50	.....	29,700	.....	.....	644	3.5	4,500	500	22,040	6,976	806	—	50	.....
Dec. 31, 1876	143.5	21.3	10.0	—	20	11	5	156	Greenville and Columbia.....S Car.	3,623,905	*	228,826	280,272	1,515,114	2,055,763	766,717	.....	229.8	261,531	65,360	.....	536,792	149,179	—	100	.....
Sept. 30, 1876	14.0	—	3.8	—	—	—	—	—	Greenwich & Johnsonville (R. & S.).N.Y.	312,553	—	—	—	130,898	185,500	20,000	—	14.0	18,110	20,284	11,707	51,642	10,284	—	100	.....
Jun. 30 1876	42.4	6.2	4.2	—	—	—	—	—	Hannibal and Naples (T. W. & W.)...Ill.	1,457,000	—	—	—	457,000	900,000	—	—	49.6	157,657	58,264	117,184	132,835	L. 33,779	—	100	.....
Dec. 31, 1876	206.0	90.5	28.0	—	79	61	62	1,442	*Hannibal and St. Joseph* †.....Missouri.	22,951,724	*	—	—	14,251,724	8,700,000	—	—	296.5	1,660,449	249,385	(Aug.31,76	1,864,065	270,254	—	100	15‡
Sept. 30, 1876	8.0	—	1.0	—	2	6	—	18	Hanover Branch.....Massachusetts.	194,827	63,563	—	5,575	123,950	40,000	186	96,329	8.0	23,120	76,069	14,280	29,968	6,952	—	100	.....
Dec. 31, 1876	30.0	—	2.5	—	8	6	2	46	Hanover Junction, Han. & Gettysb...Pa.	383,467	86,619	.....	.....	116,850	132,300	11,000	65,000	30.0	71,500	48,283	44,714	59,622	18,229	8	50	.....
Sept. 30, 1876	113.0	—	1.0	—	11	5	3	185	Harlem Extension (C. V.)....N. Y. & Vt.	8,000,000	*	.....	.....	4,000,000	4,000,000	.....	.....	113.0	201.069	131,415	93,938	298,676	73,814	—	100	.....
Dec. 31, 1876	21.0	—	3.0	71.0	1	1	—	6	Harrisburg and Potomac .....Pa.	789,558	*	77,692	.....	309,000	432,000	28,010	.....	21.0	14,112	8,539	41,707	11,672	2,794	—	100	.....
Sept. 30, 1876	122.3	0.8	26.1	—	35	37	17	339	Hartford, Prov. & Fishkill †....Ct. & R. I.	4,352,445	*	217,669	75,169	2,037,940	2,055,500	386,325	96,908	133.4	684,742	1,389,733	302,597	960,744	166,594	—	100	.....
Jun. 30, 1876	40.2	—	2.0	88.0	2	2	—	86	Havana, Rantoul and Eastern....Illinois	311,990	*	.....	.....	210,000	15 000	100,000	.....	40.2	78,808	5,964	7,956	15,181	2,717	—	100	.....
Sept. 30, 1877	74.0	—	17.0	—	19	19	8	420	Housatonic .....Connecticut.	2,532,464	*	229,476	116,513	2,000,000	550,500	162,150	165,803	126.2	434,397	262,253	229,802	656,544	148,235	8pf	100	100‡
Apr. 30, 1876	343.0	162.0	35.0	—	65	40	21	1,296	Houston and Texas Central.....Texas.	13,136,000	*	.....	.....	800,000	12,336,000	.....	.....	505.0	1,533,757	254,435	373,149	3,136,306	1,318,130	—	100	.....
Dec. 31, 1876	45.0	14.2	16.5	—	18	4	4	42	Huntingdon and Broad Top Mt.....Penn.	4,384,329	*	152,165	60,579	2,035,000	2,283,500	375,170	.....	59.2	160,000	63,298	394,078	306,494	143,845	—	50	6
un. 30, 1876	14.5	—	8.3	—	4	3	1	254	Illinois and St. Louis (coal).....Mo. & Ill.	1,457,373	89,888	83,622	16,670	1,360,100	200,000	87,454	.....	14.5	111,576	.....	223,744	178,900	79,770	—	100	.....
Dec. 31, 1876	705.5	—	142.8	—	202	115	51	4,960	*Illinois Central* .....Illinois.	37,595,236	*	5,888,252	825,120	20,000,000	10,662,000	—	4,646,608	1,107.7	5,168,022	1,815,788	1,899,627	7,040,969	2,144,776	8	100	85‡
Jun. 30, 1876	175.7	2.2	8.8	—	13	15	2	195	Illinois Midland.....Illinois.	6,175,000	*	.....	.....	2,000,000	4,175,000	632,723	.....	177.9	338,142	51,363	104,404	261,460	L. 1,795	—	100	.....
Jun. 30, 1876	202.3	131.6	39.9	—	44	27	15	635	Ind., Bloomington & Western..Ind. & Ill.	—	—	—	—	—	12,000,000	.....	.....	343.1	1,625 970	273,229	.....	1,550,187	414,244	—	100	.....
Jun. 30, 1876	85.5	—	6.1	66.5	6	10	—	250	Ind., Decatur and Springfield..Ind. & Ill.	3,243,056	*	7,513	2,602	500,000	2,727,000	19 522	6,649	85.5	67,945	37,630	40,990	76,041	11,965	—	100	.....
Jun. 30, 1876	179.0	5.5	40.5	—	57	49	14	1,156	Indianapolis, Cinc. & Lafayette..Indiana.	16,854,416	*	92,385	173,669	7,024,554	8,962,300	1,172,546	—	184.5	1,365,855	609,524	558,393	1,637,061	673,097	—	100	2‡
Dec. 31, 1876	77.8	5.6	41.0	—	56	39	15	1,333	Indianapolis and St. Louis.....Illinois.	4,223,055	*	99,159	322,486	600,000	3,500,000	1,647,218	—	265.9	1,616,394	279,679	599,907	1,657,864	L. 33,303	—	100	.....
Dec. 31 1876	117.0	—	4.7	—	8	7	3	226	Indianapolis and Vincennes (Penn.)..Ill.	4,665,450	*	.....	84,906	1,402,000	3,150,000	966,154	.....	117.0	253,886	93,021	82,409	232,116	10,652	—	100	.....
Jun. 30, 1876	745.0	—	57.0	—	108	87	32	1,808	Intercolonial.....Canada	21,187,111	*	.....	.....	21,187,111	(Owned b	yDomin	ion Gov.)	713.0	993,637	474,930	342,196	976,077	d181,066	—	—	.....
Dec. 31, 1876	236.0	283.2	20.0	—	40	28	8	719	International & Great Northern †....Tex.	18,411,427	*	1,418,026	331,348	5,500,000	12,307,000	1,120,077	.....	519.2	654,449	111,127	201,249	1,453,996	43,541	—	100	.....
Dec. 31, 1876	183.7	—	6.6	—	—	—	—	—	*Iowa Falls and Sioux City* (Ill. C.).....Ia.	7,577,500	—	—	—	4,625,000	2,952,500	—	—	183.7	—	—	—	501,757	223,743	4	—	52
Dec. 31, 1876	11.0	—	2.0	—	2	—	—	1	Ironton.....Pennsylvania.	250,000	18,000	26,055	.....	200,000	200,000	23,071	.....	11.0	2,549	.....	51,822	27,291	14,660	—	50	.....
Dec. 31, 1876	233.6	—	29.4	—	—	—	—	—	*Jackson, Lansing and Saginaw*..Michigan.	6,918,022	*	.....	.....	1,966,890	4,171,000	.....	.....	233.6	438,595	276,208	333,095	661,973	236,151	—	100	45
Jun. 30, 1876	30.2	—	1.5	—	2	1	1	36	Jacksonville, N. West. & So. East.....Ill.	992,670	*	.....	.....	375,847	610,000	6,823	.....	30.2	.....	.....	.....	41,352	14,297	—	100	.....
Dec. 31, 1876	155.0	24.0	8.8	—	14	8	3	99	*Jacksonville, Pensacola and Mobile* †...Fla.	6,000,000	*	.....	.....	—	3,472,000	.....	.....	155.0	.....	.....	.....	.....	.....	—	100	.....
Dec. 31, 1876	51.1	1.5	18.0	—	—	—	—	—	Jamestown and Franklin (L.S.& M.S.)Pa.	2,517,634	—	35,000	—	605,027	933,000	1,058,507	—	52.6	—	—	—	226,564	90,980	—	50	.....
Dec. 31, 1876	45.5	—	8.0	—	—	—	—	—	Jefferson (Erie).....Pennsylvania.	4,396,050	—	—	—	2,096,050	2,300,000	.....	—	45.5	—	—	—	—	—	—	50	.....
Dec. 31, 1876	110.0	116.0	24.0	—	44	33	12	735	Jeffersonv., Madison and Ind. (Pa.)..Ind.	6,515,287	*	381,449	373,398	2,000,000	4,321,000	449,135	—	226.0	1,018,497	696,742	1,380,114	1,171,875	441,756	7	100	.....
Sept. 30, 1876	13.0	—	0.5	134.0	—	—	—	—	Jersey City and Albany....N. J. & N.Y.	739,893	—	—	.....	254,100	850,000	30,000	.....	13.0	—	—	—	—	—	—	100	.....
Jun. 30, 1876	37.6	—	54.4	—	—	—	—	—	Joliet and Chicago (C. & A.).....Illinois.	1,806,000	—	—	.....	1,500,000	306,000	.....	.....	37 6	—	—	—	—	132,355	7	100	.....
Dec. 31, 1876	3.7	—	4.6	—	—	—	—	—	Junction (Pa., P. &R. and P., W. &B.).Pa.	1,054,121	—	—	.....	250,000	780,000	.....	.....	3.7	59,410	850,650	.....	228,436	134,174	40	50	.....
Dec. 31, 1876	58.0	—	9.2	—	—	—	—	—	K'm'zoo, All'g'n & G.Rap.(LS&MS).Mich.	1,450,000	—	—	.....	610,000	840,000	.....	.....	58 0	1,600,000	.....	.....	135,633	26,827	6	100	.....
Dec. 31, 1876	199.3	52.1	32.1	—	27	18	11	278	Kansas City, St. Joseph & Co. Bl Mo. & Ia.	9,364,135	1,238,419	151,803	400,539	2,789,414	7,853,220	694,775	—	274.5	802,885	205,250	412,336	1,241,329	333,211	—	100	.....
Dec. 31, 1873	31.9	—	1.8	—	—	—	—	—	Kansas City & Santa Fe (L.L. & G.).Kan.	1,440,000	—	—	—	720,000	720,000	.....	.....	31.9	—	—	—	—	—	—	100	.....
Dec. 31, 1876	65.0	—	....	—	—	—	—	—	K. City, Top. & West. (A., T. &S. Fe.).Kas.	2,522,806	—	—	.....	1,655,800	867,000	.....	34,889	65.0	—	—	—	104,826	84,867	—	100	105‡
Dec. 31, 1876	638.6	34.0	63.9	—	88	41	16	1,153	*Kansas Pacific*.....Kansas & Col.	34,359,541	*	3,514,368	1,709,002	9,689,950	22,329,600	1,107,427	2,714,717	672.6	1,573,972	124,740	289,992	3,063,286	984,893	—	50	48
Apl. 30, 1876	99.0	—	11.0	—	16	15	6	393	Kentucky Central.....Ky.	4,655,000	*	1,516,000	285,054	5,000,000	1,081,000	53,151	231,902	99.0	376,709	.....	.....	663,113	307,572	3‡	100	.....
Dec. 31, 1876	162.2	—	18.5	—	18	11	4	447	Keokuk and Des Moines .....Iowa.	6,285,351	*	22,503	81,573	3,924,600	2,344,800	108,013	22,119	162.2	.....	207,410	208,227	602,902	103,094	—	100	10
Dec. 31 1875	49.0	—	3.0	—	5	10	3	67	Knox and Lincoln (M.C.).....Maine.	2,762,300	*	5,687	17,049	364,580	2,396,000	—	26,457	49.0	104,810	81,522	42,570	134,556	62,221	—	100	.....
Jun. 30, 1876	80.3	—	4.7	—	—	—	—	—	Laf., Bloom'ton & Miss. (T.W. &W.)...Ill.	2,300,000	—	—	—	1,000,000	1,300,000	—	—	80.3	155,475	91,457	93,231	166,142	57,431	—	100	.....
Sept. 30, 1876	7.7	1 9	3.3	—	6	3	—	73	Lake Champlain and Moriah....N. York.	305,058	144,245	.....	43,183	200,000	104,600	915	43,183	9.6	31,248	540	177,939	109,103	32,915	10	100	.....
Jun 30 1876	87 0	—	4.0	93.0	6	4	3	82	Lake Erie and Louisville.....Ohio.	2,427,375	91,191	88,488	26,702	1,115,650	890,000	588,640	34,465	87.0	152,639	99,169	56,998	133,073	17,547	—	100	.....

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RAILROAD SHARE LIST, including Mileage, Rolling Stock, Debts, Income, Dividends, &c., &c.

Figures in any column occurring in the column headed "Rolling Stock" signifies that the cost thereof is included, in that headed "Railroad." A *dash* (—) across the column signifies "nil," and running *dots* (.....) signify "not ascertained." Land Grant Railroads are printed in "*Italics.*" State-aid Railroads are distinguished by a "¶."

Years ending	Railroad. Main Line.	Branch Line.	2d Track and Sidings.	Railroad in progress.	Rolling Stock. Engines.	Cars. Pass.	Cars. B. M. E.	Cars. Freight.	Companies.	Abstract of General Balance Sheet. Property and Assets. Railroad.	Property and Assets. Rolling Stock.	Property and Assets. Assets.	Accounts and Cash.	Liabilities. Stocks.	Liabilities. Bonds.	Liabilities. Accounts.	Liabilities. Surplus Income.	Railroad Operated.	Operations. Trains Moved.	Operations. Passengers.	Operations. Freight.	Earnings. Gross.	Earnings. Net.	Dividends.	Value of Shares. Par.	Value of Shares. Market.
	M.	M.	M.	M.						$	$	$	$	$	$	$	$	M.	M.	Number.	Tons.	$	$	pc.	$	par
Oct 31, 1876	55.6	32.6	77.1	—	57	69	28	1,173	North Pennsylvania.....Pa.	5,799,915	1,743,900	4,279,398	250,325	4,000,100	5,984,350	1,634,082	454,356	108.3	1,012,006	1,660,084	464,528	1,675,866	736,519	6	50	72
Dec. 31, 1876	138.0	13.0	144.2	—	152	69	42	6,165	Northern Central ¶.....Md. & Pa.	13,310,099	4,140,677	4,374,704	639,280	5,842,000	14,345,000	2,099,213	176,547	357.4	3,246,402	1,903,645	5,579,024	4,369,925	1,333,439	3	50	27
Mar 31, 1877	69.5	13.4	16.5	—	25	14	10	543	Northern New Hampshire.....N. H.	2,068,400	*	508,499	321,436	3,068,400	100	282,083	543,742	82.9	438,533	154,664	323,513	458,303	103,415	5	100	87½
Aug. 31, 1877	555.0	—	20.0	1.445	48	22	24	1,596	*Northern Pacific*....Minn. Dak., Wash. &c.	19,464,189	1,081,693	26,850,741	34,663	55,866,476	—	5,077,711	—	655.0	.....	.....	.....	965,823	392,698	—	100	11¾
Sept. 30, 1877	59.4	7.0	13.6	—	21	15	7	742	Norwich & Wor. ¶ (N.Y. & N.E.) Ct. & Mass.	3,635,821	*	233,940	—	2,604,400	400,000	3,409	861,871	66.4	—	—	—	716,635	378,343	10	100	117½
Sept. 30, 1876	118.0	4.0	18 0	—	34	15	11	1,059	Ogdensburg & L. Champlain.....N.Y.	4,190,103	1,600,807	.....	.....	5,077,000	968,000	.....	.....	122.0	457,247	131,499	238,372	568,293	169,120	4	100	18½
June 30, 1876	340.0	275.0	9..2	—	124	54	28	2,597	Ohio and Mississippi.....O., Ind. & Ill.	37,547,733	*	135,955	442,332	24,030,000	12,852,000	1,244,021	—	615.0	3,904,169	754,265	1,284,254	3,382,032	907,305	—	100	13½
Sept 30, 1877	217.1	52.4	75.8	—	72	158	27	1,311	Old Colony.....Mass.	10,142,763	1,191,319	1,890,250	586,768	6,783,800	5,328,500	1,049,086	699,715	269.5	1,392,990	4,005,501	715,184	2,208,032	758,859	6	100	99½
Sept. 30, 1876	35.0	—	50.0	—	16	13	6	303	Oswego and Syracuse (D., L. & W.).N.Y.	1,288,172	421,597	.....	.....	1,320,400	123,500	323,943	—	35.0	264,660	179,964	324,716	382,974	117,331	8	100	....
Dec. 31, 1874	76.0	—	8.9	—	8	4	3	82	Paducah and Memphis.....Ky. & Tenn.	5,221,293	*	407,617	209,801	2,927,150	1,541,000	1,202,618	167,624	78.0	.....	.....	.....	201,480	80,454	—	100	....
June 30, 1876	61.5	—	6.2	—	7	6	3	162	Painesville and Youngstown.....O.	3,298,252	129,392	—	4,471	2,000,000	1,308,560	220,651	—	61.8	116,964	66,960	12,398	45,076	D 12,126	—	100	....
Dec. 31, 1876	47.6	—	12.2	—	21	24	4	316	Panama.....New Grenada.	12,000,000	*	782,170	20,599	7,000,000	1,597,800	196,987	695,782	47.6	.....	.....	.....	1,500,000	925,000	12	100	137
June 30, 1876	103.1	—	3.0	—	4	2	2	41	Paris and Danville.....Illinois.	1,586,882	60,355	.....	.....	1,612,100	2,500,000	275,000	.....	103.1	107,500	48,133	23,198	186,220	22,739	—	100	....
Dec. 31, 1876	14.5	—	—	—	—	—	—	—	Paterson and Hudson (Erie).....N. J.	630,000	—	.....	.....	630,000	—	.....	.....	14.5	—	—	—	.....	53,400	8	100	....
Dec. 31, 1876	15.6	—	15.6	—	—	—	—	—	Paterson and Rampo (Erie).....N. J.	350,000	—	.....	.....	248,000	85,000	.....	.....	15.6	—	—	—	.....	26,500	7	100	....
Dec. 31, 1876	55.0	—	2.5	5.0	8	9	2	41	Peach Bottom (narrow).....Pa. & Md.	728,672	*	35,000	.....	221,127	435,700	106,845	.....	55.0	.....	49,884	21,478	52,715	.....	—	50	....
June 30, 1876	67.2	—	7.1	—	—	—	—	—	Pekin, Linc. and Decatur (T.W. & W.).Ill	2,576,000	—	.....	.....	1,500,000	1,076,000	.....	.....	67.2	142,907	.....	113,700	156,651	31,967	—	100	....
Dec. 31, 1876	382.5	96.3	631.6	—	659	451	133	19643	Pennsylvania.....Pennsylvania.	56,518,478	*	90,991,899	4,822,072	68,870,200	60,106,229	13,301,894	10,054,197	1,246.5	16,337,474	6,926,016	9,922,911	20,788,076	7,760,389	8	50	72½
Dec. 31, 1876	47.0	15.9	57.0	—	—	10	—	2,610	Pennsylvania Coal.....Pennsylvania.	2,000,000	*	1,580,000	.....	5,000,000	482,500	250,000	.....	47.0	47,000	3,667	1,177,569	15,681	.....	20	50	137
Nov. 30, 1876	104.6	25.0	73.7	—	50	—	—	1,418	Pennsylvania and N. York .N.Y. & Penn.	5,739,087	1,120,009	—	.....	4,861,700	3,000,000	—	.....	153.6	969,720	333,785	1,621,106	1,677,706	291,414	10	50	....
June 30, 1876	83.0	—	15.0	—	13	9	4	168	Peoria, Pekin & Jack. (C. & A.).... ..Ill.	3,239,700	*	.....	.....	1,239,700	2,000,000	.....	.....	83.0	310,070	61,743	229,607	282,705	18,999	—	100	....
June 30, 1876	91.0	—	4.0	—	9	5	2	90	Peoria and Rock Island.....Ill.	3,649,221	180,365	3,600	.....	1,859,150	2,039,000	166,533	.....	91.0	309,880	112,797	163,398	345,597	109,023	—	100	....
Dec. 31, 1872	64.0	18.0	8.0	—	12	10	4	1	Petersburg ¶.....Virginia.	2,124,200	*	.....	.....	1,324,200	800,000	.....	.....	82.0	.....	.....	.....	.....	.....	—	100	....
Oct. 31, 1876	46.0	—	6.5	—	10	8	3	122	Philadelphia & Balt. Cent....Penn. & Md.	1,814,353	177,744	25,000	.....	220,606	1,500,000	—	.....	46.0	163,673	279,703	141,293	304,425	124,701	—	50	....
Dec. 31, 1876	287.5	—	136.6	—	154	44	21	3,348	Philadelphia and Erie ¶ (Penn.).....Pa.	25,145,185	*	.....	.....	8,453,700	17,680,000	493,585	.....	287.5	2,434,570	691,560	2,517,470	3,252,979	920,547	—	50	184
Sept. 30, 1876	17.0	12.2	25.0	—	24	45	13	192	Phila., Germ. & Norristown (P. & R.).Pa.	1,146,538	367,988	500,793	.....	2,246,900	—	.....	.....	29.2	—	—	—	—	277,923	12	50	203
Nov. 30, 1876	98 4	228.6	255.7	—	414	336	59	19435	Philadelphia & Reading.....Penn	38,201,433	9,355,442	53,822,197	2,226,754	34,278,175	66,800,445	4,382,915	—	799.4	8,231,070	10,936,157	8,088,484	12,424,537	3,112,436	—	50	20½
Dec. 31, 1876	26 2	—	44.4	—	—	—	—	—	Philadelphia & Trenton (Penn.).....Penn	1,545,950	*	.....	.....	1,259,100	—	.....	.....	26.6	—	4,231,969	2,001,825	3,076,344	2,018,452	10	100	137
Oct. 31, 1876	94.9	3.7	145.3	—	78	151	44	1,206	Phila., Wilm. & Baltimore..Pa. D. & Md.	12,476,446	*	2,561,362	253,548	11,561,250	2,776,000	429,224	545,382	197.4	1,694,829	2,818,560	448,774	3,456,136	1,180,784	8	50	130
Dec. 31, 1876	6.0	3.1	0.9	11.0	6	8	1	418	Pittsburg and Castle Shannon.....Pa.	451,372	92,230	272,179	.....	635,440	210,352	79,969	.....	9.1	62,120	132,432	108,085	290,582	17,088	—	50	....
Sept. 30, 1876	149.6	1.9	38.3	—	26	15	7	190	Pittsb. & Connellsville (B. & O.)..Pa. Md.	12 018,677	470,698	127,648	.....	1,960,682	10,718,600	2,906,653	.....	173.8	1,417,784	703,408	1,547,156	1,658,974	529,674	—	50	....
Dec. 31, 1876	192.3	8.1	54.3	—	106	36	25	1,492	Pittsburg, Cin. & St. Louis.. Pa. & Ohio	16,107,384	3,774,621	*	.....	8,436,600	15,008,061	2,801,523	.....	200.4	2,871,168	784,561	1,792,057	3,282,705	896,330	—	50	....
Dec. 31, 1876	468.3	—	196.2	—	278	153	55	5,155	Pittsb., Ft. W. & Chi. (Pa.).P., O., I. & I.	29,581,901	*	.....	.....	24,787,286	13,510,000	—	.....	468.3	7,678,888	2,201,227	2,629,607	7,937,277	3,138,653	7	100	107
Dec. 31, 1876	95.0	—	33.0	—	32	19	6	236	Pittsb., Titusville and Buff ..N. Y. & Pa.	8,422,883	587,500	50,000	.....	4,559,450	4,050,933	69,195	.....	95.0	354,495	286,953	755,342	706,019	250,191	—	50	10
Dec. 31, 1876	30.0	—	5.9	—	5	6	3	75	Pittsb., Va. & Charleston..Pa. & W. Va.	1,331,441	*	603,781	.....	676,613	1,368,000	211,441	.....	30.0	340,552	253,276	119,911	127,739	40,345	—	50	....
Nov. 30, 1876	190.0	—	8.5	40.0	8	19	6	150	Portland and Ogdensburg..Me. N.H. & Vt.	3,585,348	*	26,645	168,864	1,052,125	2,381,500	386,128	.....	190.0	.....	.....	.....	234,880	89,815	—	100	....
Aug. 31, 1876	52.5	—	—	—	7	9	5	137	Portland and Rochester.....Me. & N. H.	1,966.211	*	48,500	11,968	163,112	1,500,000	40,133	.....	52.5	141,876	148,011	.....	138,270	22,063	—	100	....
Dec. 31, 1876	52.6	—	—	—	19	—	—	182	Portland, Saco & Portsmouth (Etn.)..Me.	2,034,810	191,802	.....	.....	1,500,000	—	250,000	.....	52.0	339,101	208,815	.....	397,969	66,928	6	100	95½
Dec. 31, 1875	112.0	—	6.0	—	9	6	4	160	Port Royal ¶ (Ga.).....S. C.	4,800,000	*	.....	.....	3,000,000	2,500,000	.....	.....	112.0	—	—	—	221,665	def. 6,057	—	100	....
Dec. 31, 1876	71.4	—	—	—	—	—	—	—	Ports., Gt. Falls & Conway (Eastern) N.H.	2,183,300	—	.....	.....	1,150,300	1,033,000	.....	.....	71.4	—	—	—	163,756	21,724	—	100	6
Dec. 31, 1876	10.9	—	—	—	—	—	—	—	Portsmouth and Dover (Eastern)...N. H.	757,800	—	.....	.....	757,800	—	.....	.....	10.9	—	—	—	20,528	139	6	100	30
Sept. 30, 1876	41 9	—	2.2	—	4	5	—	60	Poughkeepsie, Hartford & Boston..N.Y.	1,366,063	132,622	.....	.....	850,000	535,000	14,784	6,883	46.7	84,240	65,436	21,481	73,943	7,400	—	100	....
Sept. 30, 1876	22.8	—	3.0	50.8	3	3	1	77	Providence and Springfield..R.I. & Mass.	929,840	100,497	3,478	9,917	517,150	500,000	8,334	15,390	22.8	48,648	115,366	31,181	86,568	41,159	—	100	14
Sept. 30, 1876	43.4	3.0	52.6	—	30	33	8	1,280	Providence and Worcester...R. I. & Mass.	3,705,780	*	159,308	219,376	2,000,000	500,000	1,490,000	23,677	66.8	534,395	1,585,293	555,970	899,104	230,981	8	100	94½
Nov. 30, 1876	13.6	—	3.0	—	5	10	...	25	Providence, Warren and Bristol.....R. I.	487,917	*	.....	.....	437,917	50,000	.....	.....	13.6	59,544	249,249	30.805	101,570	5,983	—	100	....
Dec. 31, 1875	36.0	—	2.0	—	4	3	2	—	Queen Anne and Kent Co.....Del. & Md.	351,000	*	1,200	.....	315,000	269,000	2,600	.....	36.0	35,850	12,560	38,231	31,589	4,310	1½	25	....
Dec. 31, 1876	70 0	—	4.5	160.0	3	2	2	70	Quincy, Missouri and Pacific.....Mo.	1,361,142	108,073	28,384	.....	1,855,000	—	.....	.....	70.0	89,400	34,296	14,251	119,305	13,159	—	100	....
May 31, 1874	100.0	—	3.0	—	5	6	4	50	Raleigh and Augusta Air-Line ¶..N. Car.	1,326,000	*	139,000	.....	1,326,000	—	490,000	.....	100.0	.....	.....	.....	75,923	15,086	—	100	....
May 31, 1876	97.0	—	6.7	—	12	13	9	131	Raleigh and Gaston.....North Carolina	1,500,000	*	843,557	97,456	1,500,000	708,000	—	532,814	97.0	.....	51,709	54,290	242,245	88,701	—	100	....
Nov. 30, 1876	40.0	8.9	5.6	10.7	10	7	1	41	Reading and Columbia (P. & R.).....Pa.	2,099,477	244,791	62,556	.....	508,268	1,004,167	1,439,718	.....	63.0	305,807	248,335	281,851	275,413	50,241	—	50	....
Sept. 30, 1877	79.1	102.8	60.2	—	54	89	21	1,557	Rensselaer and Saratoga (D. & H.)..N.Y.	9,227,471	—	.....	.....	6,854,100	2,000,000	—	.....	181.9	.....	1,120,244	554,236	1,451,762	509,633	8	100	99
Sept. 30, 1876	35.2	—	3.0	6.4	6	5	1	180	Rhinebeck & Connecticut.....New York	1,295,214	139,815	.....	.....	614,500	800,000	41 316	.....	41.6	56,911	14,480	90,355	78,403	11,907	—	100	....
Sept. 30, 1876	140.5	10.8	14.1	—	35	25	10	583	Richmond and Danville ¶.....Virginia.	5,875.094	*	2,195,495	106,967	4,000,000	3,710,186	595,380	—	199.5	503,580	132,297	227,650	937,198	438,232	—	100	....
Sept. 30, 1876	22.5	2.8	4.1	—	8	7	—	151	Richmond and Petersburg ¶.....Va.	1.316.032	*	5,000	25,636	1,008,600	236,796	29,665	72,208	25.3	79,655	115,020	85,827	137,407	60,095	—	100	95½
Sept. 30, 1876	87.6	—	6.3	—	13	21	8	108	Richmond, Fred'bg and Potomac ¶..Va	2.804.925	*	243,464	177,762	1,531,900	888 292	139,956	666,002	87.6	188,278	132,060	42,111	312,366	174,572	7	100	....
Sept. 30, 1876	38.8	—	2.4	26.0	3	3	2	41	Richmond, York Riv. & Chesapeake ¶..Va.	1,257,640	*	.....	.....	650,000	607.640	.....	.....	38.3	.....	.....	.....	69,108	14,211	—	100	....
Sept. 30, 1875	25.0	2.3	27.3	83.3	2	—	—	1	Rochester and State Line.....N.Y.	1,427,953	31,827	.....	.....	25,234	1,182,000	473,302	— —	25.0	92,400	37,035	6,377	22,417	def. 103	—	100	....
Sept. 30, 1876	12.7	—	1.0	—	—	—	—	—	Rome and Clinton.....N.Y.	360,000	—	.....	.....	274,000	38,500	9,000	.....	12.7	15,449	29,826	27,459	23,890	def. 6,803	—	100	....
Sept. 30, 1876	141.1	239.2	86.1	—	57	50	24	1,193	Rome, Watertown and Ogdensburg. N.Y.	8,156,994	563,304	.....	.....	3,147,600	7,246,900	494,185	.....	408.9	1,157,419	592,856	361,376	1,228,057	283,905	—	100	....
Jun. 30, 1877	120.0	—	26.0	—	—	—	—	—	Rutland (C. V.).....Vermont.	9,073,121	—	577,526	.....	6,624,100	2,500,000	526.547	.....	120.0	—	—	—	344,480	253,053	—	100	2
Dec. 31, 1875	49.0	—	3.7	—	4	6	2	79	Sacramento Valley.....California.	1,492,798	*	.....	.....	936,000	482,000	63,108	.....	49.0	.....	.....	.....	103,719	22,711	—	100	....
Dec. 31, 1876	28.7	—	2.8	—	4	2	2	50	Saginaw Valley and St. Louis.....Mich.	714 979	89,628	1,269	17,781	264,904	446,000	9,788	103,055	28.7	49,840	35,481	29,285	77,713	48,855	—	100	....
Dec. 31, 1876	22.0	—	8.0	—	3	3	4	202	St. Croix and Penobscot ¶ (M.C.).....Me.	569,000	*	.....	.....	100,000	212,700	.....	1,385	22.0	24,480	9 987	.....	40,107	18,856	—	100	....
Dec. 31, 1876	227.0	—	15.0	—	12	4	12	154	St. Joseph and Western .....Kan. & Neb.	10,200,000	*	.....	.....	3,300,000	6,900,000	.....	.....	227.0	213,730	145,971	(6 mos.	280,455	51 710	—	100	....
Dec. 31, 1876	189.0	4.0	17.0	—	—	—	—	—	St. L., Alton & T. H.....Ill. & Ind.	11.768,400	*	—	255,192	4,768,400	7,000,100	197,297	57,894	—	—	—	—	—	450,000	—	100	7
Dec. 31, 1876	—	14.0	—	—	13	11	4	585	Belleville Branch.....Illinois.									70.4	358,120	166,484	445,313	498,743	133,290	—	100	
Dec. 31, 1876	226.5	4.4	30.4	—	28	16	5	1,214	St. Louis and San Francisco.....Mo.	37,942,700	*	.....	.....	25,400,000	12,542,700	.....	.....	330.9	.....	.....	[3½ mos.	507,567	316,964	—	100	10
Dec. 31, 1876	196 3	489.0	98.9	—	120	51	22	2,627	*St. Louis, Iron Mt. and So.* ¶..Mo. & Ark.	44,755,806	*	4,905,500	35,798	21,510,253	24,797,000	3,606,803	—	684.3	1,896,671	1,167,035	611,841	4,002,045	1,928,945	—	100	21½
Oct. 31, 1876	307.0	47.0	35.5	—	48	17	7	608	St. Louis & S. Eastern...Ill., Ky. & Tenn.	19,895,146	*	6,203,750	—	10,841,100	9,500,000	21,130,666	759,660	356.0	1,228,364	.....	.....	1,111,423	234,006	—	100	....
Dec. 31	150.6	—	12.6	—	—	—	—	—	St. Louis, Jacksonv. & Chic. (C. & A.). Ill.	5,072,800	—	.....	.....	2,347,800	2,725,000	.....	.....	150.6	—	—	—	—	240,000	—	100	....
Dec. 31 1876	265.5	114.5	59.8	—	91	58	19	1,862	St. L., Kansas City & Northern.....Mo	31,827,084	*	1,596,829	660,351	24,000,000	6,993,000	723,794	723,794	525.5	2,587,730	.....	.....	3,143,266	1,209,339	—	100	12

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☞ A bill was introduced in the House of Representatives at Washington on the 21st inst. by Mr. Rice of Massachusetts extending the time for the completion of the Northern Pacific Railroad ten years. Also for the relief of the Central Branch Union Pacific Railroad Company; it releases the company from all obligations of every kind to the Government of the United States, under the acts of July 1, 1862, and July 2, 1864, and also relinquishes the claims of the company upon the Government. Also, to establish a Board of Supervisors of Inter-State Railways and commence as a bureau of the Interior Department, said board to consist of three supervisors, who shall be appointed by the President, with the consent of the Senate, and shall hold their office for one, two and three years, from the 1st of January next.

Statement of the Public Debt of the United States, April 1, 1879.

DEBT BEARING INTEREST.

	Amount Outstanding.	Accrued Interest.
5 per cent. bonds, 1858	$260,000 00	$3,250 00
6 per cent. 1881 bonds, 1861	18,415,000 00	276,225 00
6 per cent. bonds, 1881 (Oregon,) 1861	945,000 00	14,175 00
6 per cent. 1881 bonds, 1861	189,321,350 00	2,839,820 25
6 per cent. 1881 bonds, 1863	75,000,000 00	1,125,000 00
5 per cent. 10-40 bonds, 1864	194,566,300 00	810,692 92
6 per cent. consols, 1867	288,366,800 00	4,024,602 00
6 per cent. consols, 1868	37,426,800 00	561,549 30
5 per cent. funded loan of 1881	508,449,350 00	4,237,072 92
4½ per ct. funded loan of 1891	250,000,000 00	937,500 00
4 per ct. funded loan of 1907	442,400,000 00	4,424,000 00
3 per cent. navy pension fund, 1868	14,000,000 00	105,000 00
Aggregate of debt bearing interest	$2,006,091,400 00	$19,428,817 09
Interest due and unpaid		5,328,020 40

DEBT ON WHICH INTEREST HAS CEASED SINCE MATURITY.

	Amount Outstanding.	Interest due and unpaid.
4 to 6 per cent. old debt, 1837	$57,665 00	$64,174 31
5 per cent. Mexican indemnity stock, 1846	1,104 91	85 74
6 per cent. bonds, 1847	1,250 00	22 00
6 per cent. bounty land scrip, 1847	3,300 00	213 39
5 per cent. Texas indemnity bonds, 1850	21,000 00	3,045 00
6 per cent bonds, of 1858	8,000 00	
6 per cent. bonds, 1860	10,000 00	600 00
6 per cent. 5-20 bonds, called 1862	408,500 00	240 44
6 per cent. 5-20 bonds, called June, 1864	75,850 00	317 95
6 per cent. 5-20 bonds, called 1865	173,750 00	61,685 05
6 per cent. Consol. bonds, called, 1865	6,289,750 00	125,625 03
1-10 to 6 per cent. treasury notes, prior to 1846	82,525 35	2,668 06
1-10 to 6 per cent. treasury notes, 1846	6,000 00	206 00
6 per ct. treasury notes, 1847	950 00	57 00
3 to 6 per cent. treasury notes, 1857	1,700 00	99 00
6 per ct. treasury notes, 1861	5,000 00	364 50
7 3-10 per cent. 3 years' treasury notes, 1861	16,700 00	1,141 30
5 per cent. 1 year notes, 1863	49,705 00	2,497 35
per cent. 2 year notes, 1863	38,050 00	2,063 15
6 per cent. compound interest notes, 1863-64	263,000 00	53,289 75
7 3-10 per cent. 3 years' treasury notes, 1864-65	149,500 00	6,462 83
6 per cent. certificates of indebtedness, 1862-63	4,000 00	253 48
4 to 6 per cent. temporary loan, 1864	3,060 00	256 06
3 per cent. certificates called	5,000 00	394 31
Aggregate of debt on which interest has ceased since maturity	$7,672,100 26	$325,776 20

DEBT BEARING NO INTEREST.

Demand notes 1861-62	$61,925 00	
Legal tender notes, 1862-63	346,681,016 00	
Certificates of deposit	27,680,000 00	
Fractional currency, 1862-3-4	15,925,662 14	
Coin certificates, 1863	16,304,700 00	
Silver certificates, 1878	2,326,530 00	
Refunding certificates, 1879	53,070 00	
Unclaimed interest		8,647 03
Aggregate of debt bearing no interest	$409,032,903 14	$8,647 03

RECAPITULATION.

	Amount Outstanding.	Interest.
Debt bearing interest in coin, viz:		
Bonds at 6 per cent	$589,424,750 00	
Bonds at 5 per cent	703,266,650 00	
Bonds at 4½ per cent	250,000,000 00	
Bonds at 4 per cent	442,400,000 00	
Navy pension fund, 3 per cent.	14,000,000 00	
	$2,006,091,500 00	$24,756,837 49
Debt on which interest has ceased since maturity	7,672,100 26	325,776 20
Debt bearing no interest, viz:		
Old Demand and legal-tender notes	$346,742,941 00	
Certificates of deposit	27,680,000 00	
Fractional currency	15,925,662 14	
Coin and Silver Certificates	18,631,230 00	
Refunding certificates	53,070 00	
	$409,032,903 14	
Unclaimed interest		8,647 03
	$2,422,796,463 40	$25,091,240 72
Total debt, principal and interest, to date, including interest due and unpaid		$2,447,887,724 12

AMOUNT IN TREASURY.

Interest due and unpaid	$5,328,020 40
Debt on which interest has ceased	7,672,100 26
Interest thereon	325,776 20
Gold and silver certificates	18,631,230 00
U S Notes held for redemption of certificates of deposit	27,680,000 00
Currency held for redemption of fractional currency	8,458,991 00
Called bonds not matured for which 4 per cent bonds have been issued	208,447,760 00
Cash balance available February 1, 1879	144,243,580 43
	$420,787,458 29
Debt, less amount in Treasury, Apr. 1, 1879	$2,027,100,265 83
Debt, less amount in Treasury, on the 1st ult.	2,026 207,541 61
Increase of debt during the past month	$892,724 17
Decrease of debt since June 30, 1878	8,686,575 99

BONDS ISSUED TO THE PACIFIC RAILROAD COMPANIES, INTEREST PAYABLE IN LAWFUL MONEY.

	Amount Outstanding.	Accrued Interest not paid.
Central Pacific bonds, 1862-64	$25,885,120 00	$388,276 80
Kansas Pacific bonds, 1862-64	6,303,000 00	94,545 00
Union Pacific bonds, 1862-64	27,236,512 00	408,547 68
Central Branch Union Pacific bonds, 1862-64	1,600,000 00	24,000 00
Western Pacific bonds, 1862-4	1,970,560 00	29,558 40
Sioux City and Pacific bonds, 1862-64	1,628,320 00	24,424 80
Totals	$64,623,512 00	$969,352 68

Interest paid by United States, $41,778,745 22; interest repaid by transportation of mails, &c., $10,705,052 80; balance of interest paid by United States, $31,068,692 42.

The foregoing is a correct statement of the public debt, as appears from the books and Treasurer's returns in the Department at the close of business, March 31, 1879.

JOHN SHERMAN,
Secretary of the Treasury.

☞ The council of foreign bondholders, through their New York agents, have notified Governor Holliday, of Virginia, of their acceptance of the plan of settlement of the Virginia State debt as provided in the bill recently passed by the General Assembly.

☞ It is expected that the new railroad from Cape May City, New Jersey, to the Steamboat Landing, via Cape May Point, will be completed in time for the opening of the season.

☞ The new ferryboat for the Camden and Atlantic Ferry Company was launched at the yards of the Harlan & Hollingsworth Company, Wilmington, Del. on the 19th inst.

☞ The Levis and Kennebec Railway has been reopened. The first train of the season with mails and passengers ran over it on the 21st inst.

☞ The Boston and Providence Railroad has declared a dividend of $3 per share, payable May 1.

☞ The end of the Southern Pacific Railroad track on the 10th inst. was 132½ miles east of Yuma, A. T.

Philadelphia Stock Exchange.

Closing Prices for the week ending Apr. 22.

	W. 16	Th. 17	F. 18	Sat. 19	M. 21	Tu. 22.
Allegheny Val. 7 3-10s	....	112½	....	....	....	....
7s, Income	30	....	....	....	....	....
Camden & Am. 6s, 1888	....	....	....	....	....	....
6s, 1889	....	....	....	....	....	....
Mort. 6s, 1889	112	....	112	....	....	....
Camden and Atlantic	....	....	....	....	....	....
Preferred	....	....	....	....	44½	....
1st mortgage	....	....	....	....	....	....
2d mortgage	....	102	....	....	....	....
Catawissa	....	....	7	....	7	
Preferred	....	....	36½	....	....	
New preferred	32	....	32	....	....	33½
7s, new	....	....	....	....	....	....
Del. & Bound Brook	....	....	....	....	....	....
7s	....	....	106½	106½	106½	106½
Elmira & Williamsport	....	....	....	....	....	....
Preferred	....	....	....	....	....	....
7s	108	....	....	108	....	
Hunt. & B. Top Mt	....	....	2½	3	3	
Preferred	....	4	6½	6	6½	
2d mortgage	....	....	....	....	....	....
Lehigh Navigation	15½	15½	15½	16½	16½	16½
6s, 1884	....	....	....	....	....	105
Gold Loan	93	92½	....	93½	....	
Railroad Loan	....	....	....	....	....	....
Conv. Gold Loan	....	....	....	....	....	....
Lehigh Valley	34½	34½	35½	35½	35½	
6s, new, coupon	....	....	....	....	....	....
6s, new, registered	....	....	....	....	....	....
7s	....	117½	....	....	....	....
Consol. mort. 6s	102	102	....	....	....	....
Little Schuylkill	....	....	....	41½	41½	
Minehill & Sch. Haven	....	....	....	....	50	
North Pennsylvania	....	35½	35½	....	36	
1st mortgage 6s	108½	108½	....	....	....	....
2d mortgage 7s	119	....	....	....	....	....
Gen'l mort. 7s, coup	113½	....	....	....	....	....
Gen'l Mort. 7s, reg	....	....	....	....	....	....
Northern Central	....	....	13½	....	....	....
Northern Pacific	9½	10½	10½	12	11½	11½
Preferred	29	31	31	32	32½	33½
7.30s	....	41	42½	....	....	47
Pennsylvania R. R.	35½	36½	35½	36½	36½	36½
1st mortgage	....	....	104½	....	....	....
Gen'l mortgage	111½	....	111½	111½	....	111½
Gen'l mort. reg	112	....	....	112½	112½	112½
Consol. mort. 6s	103	103½	103½	....	104	
Penn. & N.Y. Canal 7s	118	....	....	....	118½	....
Penn. State 6s, 2d series	....	....	....	....	102	102
do. 3d series	107½	108	....	....	107½	....
do. 5s, new	....	....	112½	112½	....	
Philadelphia City, 6s	....	....	....	....	....	....
6s, new	117½	118	118½	118½	118½	118½
Phila. and Reading	13½	12½	13½	14½	15	14½
Debenture bonds	....	....	....	....	....	....
7s, of 1893	....	....	115½	....	....	
7s, new convertible	....	....	....	....	....	....
Gen'l mortgage 7s	105½	....	....	....	....	106½
Gen'l mortgage, reg.	105½	....	105½	105½	....	106½
Philadelphia and Erie	7½	....	9	....	....	....
1st mortgage, 6s	....	104½	....	....	....	....
2d mortgage, 7s	107½	....	....	....	107½	107½
Pittsb., Cin. & St L. 7s	103½	103½	....	....	104	
Pittsb., Titusv. & Buf	....	4½	5½	5	5	
7s	....	....	....	....	....	....
Schuylkill Navigation	....	....	....	....	....	....
Preferred	....	....	....	....	....	....
6s, 1872	....	....	....	....	....	....
6s, 1882	60½	....	....	....	....	....
6s, 1895	....	....	....	....	....	....
United Co. of N. Jersey	138½	138½	140	140	140	
Hestonville, (Horse)	11½	12	12½	12½	12½	
Chestnut & Wal. (do.)	....	63½	....	65½	....	
Green and Coates (do.)	61	....	63	....	....	
2d and 3d streets (do.)	....	....	....	....	85	
12th and 15th sts (do.)	....	....	....	....	....	....

Baltimore Stock Exchange.

Closing Prices for the week ending Apr. 22.

	W. 16	Th. 17	F. 18.	Sat. 19.	M. 21.	Tu. 22.
Baltimore and Ohio	89½	....	87x	....	....	....
6s, 1880	....	....	....	....	....	102½
6s, 1885	....	....	....	....	....	....
Central Ohio	....	....	....	....	....	....
1st mortgage	....	....	....	....	....	....
Marietta & Cincinnati	....	....	....	....	....	....
1st mortgage, 7s	....	....	....	....	....	....
2d mortgage, 7s	31½	....	32	32½	....	....
3d mortgage, 8s	....	....	....	12½	....	....
Northern Central	....	....	13	....	13½	....
2d mortgage, 6s 1885	....	....	....	....	....	....
3d mortgage, 6s, 1900	....	....	....	....	....	....
6s, 1900, Gold	....	....	....	100½	....	....
Orange and Alex. 1st	....	....	....	....	....	....
2d mortgage, 6s	....	....	....	....	....	....
3d mortgage, 8s	....	....	....	....	....	....
4th mortgage, 8s	....	....	....	....	....	....
O., Alex. & Manassas 7s	....	....	54½	54½	....	....
Pittsb. & Connellsv. 7s	....	....	....	....	....	....
Virginia 6s, Consol	57½	57½	57½	57½	57	57
Consol. Coupons	82½	82½	....	....	82½	82½
Deferred Certificates	....	....	....	....	....	....
Western Maryland	....	....	....	....	....	....
1st M., end. by Balt	....	....	....	....	....	....
2d M., do.	....	....	....	....	....	....
3d M., do.	....	....	....	....	....	....
1st M., unendorsed	....	....	....	....	....	....
2d M., end. Wash. Co	....	....	....	....	....	....
2d Mort., preferred	....	....	....	....	....	....
City Passenger R. R.	....	....	....	....	....	....

New York Stock Exchange.

Closing Prices for the week ending Apr. 23.

	Th.17	F.18	Sat.19	M.21	Tu.22	W.23
Adams Express	107½	....	108	108½	108	
Albany and Susq	84	....	....	....	86½	87
1st mortgage	....	....	....	....	....	....
2d mortgage	....	....	....	....	....	....
American Express	....	105	....	....	....	....
Atlantic & Pacific Tel	36	36	36	35½	36	36
Burl., C. R. & Nor	....	....	....	32	....	31
1st mortgage 5s	74½	73	75½	75½	75½	75½
Canada Southern	61½	60	61	61	59½	58½
1st mortgage guar	80½	81	81½	81½	81½	81½
Central of N. Jersey	41½	42½	42½	42½	42½	43½
1st mortgage 1890	....	....	....	115½	115½	....
7s, consolidated	....	....	....	....	....	....
7s, convertible	....	....	....	....	....	....
Central Pacific 6s, gold	110½	110½	110½	....	....	111
1st M. (San Joaquin)	97½	97½	97½	....	....	99½
1st M. (Cal. and Or.)	....	....	....	....	99½	100
Land grant 6s	99½	100	....	....	101½	....
Chicago and Alton	76½	76½	77½	77½	77	77
Preferred	109	....	....	....	....	....
1st mortgage	....	....	....	....	....	....
Sinking Fund	....	....	....	....	....	....
Chic., Burl. & Quincy	112½	113	113½	114	115	114
7s Consol, 1903	117½	117½	....	....	117½	....
8s, 1885	....	....	....	....	....	....
Chic., Mil. and St. Paul	42	42½	42½	42½	42½	42
Preferred	82	82½	82½	82½	81½	82½
1st mortgage, 8s	124½	....	....	....	....	....
2d mortgage, 7 3-10s	....	....	....	....	....	....
7s, gold	108½	....	109	....	....	....
1st M. (La Crosse div.	....	....	....	....	....	....
1st M. (I. and M. div.)	....	....	108½	109	....	....
1st M. (I. and D. div.)	....	....	....	....	....	....
1st M. (H. & D. div.)	....	....	....	....	....	....
1st M. (C. & M. div.)	....	....	....	....	....	....
Consolidated S. F.	103½	104½	104½	104½	104½	105½
Chic. & Northwestern	61½	61½	61½	61½	59½	59½
Preferred	91½	91½	91½	91	89½	90½
1st mortgage	....	....	....	....	....	....
Sinking Fund	....	....	109½	....	....	....
Consolidated 7s	117½	....	....	....	....	....
Consol. Gold bonds	109½	109½	110	110½	....	111
Do. reg	....	....	....	....	....	110½
Chic., Rock Isl. & Pac.	131½	131½	132½	132	131½	131½
7s, 1896	....	....	....	....	....	....
6s, S. F.	....	....	....	....	....	....
6s, 1917	113½	....	114½	....	....	....
Clev., Col., C. and Ind.	41½	42½	....	43½	42½	43
1st mortgage	....	....	....	116	....	....
Clev. & Pittsburg guar.	93½	94	94½	95½	94½	95
7s, Consolidated	....	....	116	....	....	118
4th mortgage	....	....	....	....	....	....
Clev., P. and Ash. 7s	....	....	....	....	....	....
7s, new	....	....	....	....	....	....
Col., Chi., & Ind Cent	7½	7½	8½	7½	7½	7½
1st mortgage	66	67	68	68½	....	66
2d mortgage	25	27	29½	28	29½	27½
Del. & Hudson Canal	41½	41½	42½	41½	41½	42½
Reg. 7s, 1891	....	....	98½	....	99	99
Reg 7s, 1884	....	98	....	99	99	99
7s, 1894	97½	97½	....	99	98	98½
Del., Lack. & Western	50½	51½	52	51½	51	52½
2d mortgage 7s	....	....	....	....	....	....
7s, Convertible	....	....	....	....	106½	....
7s, Consol. 1907	....	....	....	....	....	....
Erie Railway	25½	26½	26½	27½	26½	26½
Preferred	47½	48½	49½	49½	48½	48½
1st mortgage	....	....	....	....	....	120½
2d mortgage	103	103	....	....	....	103
3d mortgage	....	....	....	....	107½	....
4th mortgage	103	....	....	....	....	....
5th mortgage	....	....	....	....	....	....
7s, Consol	105½	106½	106½	107½	107½	107½
Great Western 1st mort	....	....	106½	xc106½	....	....
2d mortgage	84xc	85½	86½	86½	86½	....
Hannibal & St. Joseph	15½	15½	14½	14½	15½	16½
Preferred	42½	42	40½	38½	41	41
8s, Convertible	106½	107	107	106½	107½	107½
Illinois Central	85½	85½	....	84½	85½	....
Kansas Pacific	37½	38	38½	47	48½	48
Lake Shore & Mich. So.	71½	71½	72	71½	70½	71½
Consol. 7s	....	....	....	....	....	....
Consol. 7s, reg	....	....	117½	....	118	....
2d Consolidated	....	....	....	....	....	....
Leh. & W.B. 7s, Con	....	....	....	....	116½	116½
Long Dock bonds	....	....	....	....	....	....
L'ville & Nash. 7s Cons	....	....	....	109	....	108½
Metropolitan El. 1st M.	99½	100½	101	103½	104½	104½
Michigan Central	81½	82½	82½	82½	82½	82½
7s, 1902	118	....	....	118	118½	....
8s 1882, S. F.	....	....	....	....	111½	....
M. S. and N. I. 1st, S.F.	111½	....	....	....	....	112
Morris and Essex	85½	85½	86	85½	86½	....
1st mortgage	....	....	....	....	....	....
2d mortgage	....	....	....	....	....	111
7s of 1871	106	106	....	....	....	....
7s, Convertible	....	82	....	....	....	....
7s, Consolidated	....	95	95	....	....	....
New Jersey	138	138	....	....	....	....
N. Y. Cent. & Hud. Riv	115½	116½	116½	116½	116½	116½
7s, Sinking fund, 1876	....	....	....	....	....	....
6s, Sinking fund, 1883	103	....	106½	107	106½	....
6s, Sinking fund, 1887	....	....	....	....	....	....
1st mortgage	....	....	122½	....	....	123½
1st mortgage reg	....	....	....	....	....	....
N. Y. Elevated	192	180	190	177	180x	190
1st Mortgage	109½	110	112½	113½	115	114½
N. York and Harlem	158	....	....	160	160	159
Preferred	....	....	....	....	....	....
1st mortgage	....	....	....	....	....	....
1st mortgage, reg	....	....	....	....	....	....

New York Stock Exchange.

Closing Prices for the week ending Apr. 23.

	Th.17	F.18	Sat.19	M.21	Tu.22	W.23
N. Y., Lake Erie & W	....	....	....	....	....	....
2d Consolidated	69½	71½	73½	73½	72	71
New 2d 5s fund	72½	73½	76	75½	75	75½
N. Y., N. Haven & Hart	159½	——	159½	159½	——	160
North Missouri 1st M	....	....	....	112	....	112
Ohio and Mississippi	11½	11½	12½	13½	12½	13½
Preferred	35½	....	37	38	36½	....
2d mortgage	92½	92	92½	93	94	....
Consolidated 7s	....	....	....	108	108½	....
Consol. Sinking fund	107½	....	....	107½	....	....
Pacific Mail S. S. Co	14½	14½	14	14	14	13½
Pacific R. R. of Mo	....	....	....	....	....	....
1st mortgage	....	....	....	106	105½	105½
2d mortgage	....	....	107	....	....	....
3d mortgage	....	....	....	....	....	....
Panama	....	....	140	....	137	....
Pitts., Ft. W. & Chi. gtd	....	....	106½	....	107½	107
1st mortgage	....	....	....	....	....	....
2d mortgage	....	....	....	....	122	....
3d mortgage	....	....	....	....	....	....
Pullman Palace Car	84½	....	....	....	85	....
Quicksilver Mining Co	....	....	....	13	13½	....
Preferred	37	....	....	....	37	....
St. Louis & San Fran.	9½	10½	10½	10½	9½	10
Preferred	11	12½	12½	12½	11½	11½
1st Preferred	24	26½	28½	27½	26	26
St. L., Alton and T. H	4	....	9½	8½	7	
Preferred	....	11½	19½	17	16	
1st mortgage	....	....	....	....	....	....
2d mort. preferred	80	....	....	82½	....	....
Income bonds	....	....	....	....	....	....
St. L., Iron Mt. & S'thn	16	18½	19½	22½	22½	21½
1st mortgage	....	....	111	....	....	....
2d mortgage	....	....	80	80	....	
St. L., Jack. & Chi. 1st	....	....	....	....	....	....
St. L., Kan. City & N.	11	11	12	12½	11½	12
Preferred	34½	34½	35½	35½	35½	35½
Tol., P. & War. 1st E.D.	....	....	....	....	....	....
1st mort., West. Div.	....	....	....	....	....	....
Union Pacific	74½	74½	75	75½	75	75½
1st mortgage	109½	110½	110½	110½	111	110½
Land Grant 7s	....	....	110½	....	....	110½
Sinking Fund 8s	113½	113½	113½	113½	113½	....
United States Express	48½	....	49½	49½	....	49½
Wabash	23½	23½	23½	25½	27½	28½
1st mortgage	105xc	....	106½	106½	....	108
2d mortgage	....	85½xc	87	87	87	87½
7s, Consolidated	69xc	70	70½	....	72	....
St. Louis Division	90xc	....	91	....	92	92½
Wells-Fargo Express	100½	100	100	100½	100½	....
Western Pacific bonds	105	....	106	105½	106½	....
Western Union Tel	106½	106½	106½	105½	104½	105½
7s, S. F. conv., 1900	....	....	....	....	....	....

Boston Stock Exchange.

Closing Prices for the week ending Apr. 23.

	Th.17	F.18	Sat.19	M.21	Tu.22	W.23
Atch., Top. and San. Fe	105	105	....	104½	102½	105½
1st mortgage	111½	111½	111½	111½	....	111½
2d mortgage	112½	112½	113	112½	....	....
Land Grant 7s	111½	111½	111½	....	....	111½
Income 8s	....	....	....	....	....	....
Boston and Albany	135½	136	135½	136½	136	136
7s, reg	....	....	....	....	....	....
6s, 1895	....	....	....	....	....	....
Boston and Lowell	....	70	....	....	....	69½
7s	....	....	....	....	....	....
Boston and Maine	111x	....	111	....	110	110½
Boston and Providence	....	112	....	....	....	....
Boston, Hart. & Erie 7s	36½	36½	38½	37	37½	37½
Burl. & Mo. R. L. G. 7s	....	....	....	....	114½	114½
Burl. & Mo. R. in Neb.	119	118½	....	117½x	120½	125
6s, exempt	....	105	....	105	....	....
Chi., Burl. and Quincy	113	112½	113½	113½	114½	114½
7s	115	....	115	....	....	....
5s, new	....	....	....	....	....	....
Cin., Sand. and Clev.	6	6	6½	8	7½	7½
Concord ($50)	....	....	....	....	....	....
Connecticut River	....	....	....	....	....	....
Eastern	11½	12½	13½	13½	15½	15
New 3½ Bonds	67½	....	68	72	71	70½
Fitchburg	115	115	....	....	....	....
Kan. C., Top. & West.	....	....	....	....	....	....
1st mortgage	....	....	....	....	....	....
Michigan Central	....	....	....	....	....	....
Nashua and Lowell	....	....	....	....	....	....
N. Y. & New England	35	35	34½	35½	35½	35½
7s	105	....	....	105	105½	106½
Northern, N. H.	88	87	....	87½	....	....
Norwich & Worcester	117½	....	....	....	....	....
Ogden. & Lake Champ	18½	18½	18½	19½	19½	18½
Preferred	67	67	....	66	66	66
Old Colony	99½	99½	100	....	100	99½
7s	....	....	....	....	....	....
Ph., Wil. & Balt. ($50)	65	....	65	65	....	65
Portl'd, Saco & Ports	....	....	....	....	....	....
Pueblo & Arz. Va	65	....	64	63½	63	65½
7s	....	....	104½	....	104½	....
Pullman Palace Car	84	85	83	84½	84½	85½
Union Pacific	75	....	....	....	....	....
6s	108	108½	108½	....	....	109½
Land Grant 7s	....	....	....	....	....	....
Sinking Fund 8s	112½	....	....	112½	....	....
Vermont and Canada	....	....	....	....	....	....
Vermont and Mass	116	....	....	....	....	....
Worcester and Nashua	37	....	36½	36	....	
Cambridge (Horse)	....	....	....	....	....	115
Metropolitan (")	60	60	59½	....	....	59½
Middlesex (")	....	....	....	....	....	....
Cal. & Hecla Mining Co	177	177	177	172½	173	173
Quincy	....	....	....	....	....	11

New York Stock Exchange.

Closing Prices for the week ending Apr. 23.

	Th.17	F.18	Sat.19	M.21	Tu.22	W.23
Federal Stocks:—						
U. S. 4s, 1907, reg	100	100½	100½	101½	101½	101½
U. S. 4s, 1907, coup	100	100½	100	101½	101½	101½
U. S. 4½s, 1891, reg	105½	106½	....	106½	106½	106½
U. S. 4½s, 1891, coup	106½	....	....	....	....	106½
U. S. 5s, 10-40s, reg	101½	....	....	....	....	....
U. S. 5s, 10-40s, coup	....	....	....	101½	101½	....
U. S. 5s, 1881, reg	102½	104	104	103½	103½	103½
U. S. 5s, 1881, coup	104½	105	105	105	104½	103½
U. S. 6s, 1881, reg	102½	106½	....	106½	106½	....
U. S. 6s, 1881, coup	....	106½	106½	....	....	....
U. S. 6s, Pac. R. R. Issue	....	122½	123½	....	....	123
Dt. of Columbia 3-65s	82	82½	82½	83½	83½	84

London Stock Exchange.

	Apr. 16.	Apr. 6
Atlantic & Gt. W. 1st mort., $1,000	24 — 36	32 — 34
Do. 2d mort., $1,000	13 — 15	12 — 14
Do. 3d mort., $1,000	4½ — 5½	4½ — 5½
Central Pacific of California 1st mort	111½—112½	111½—112½
Detroit & Milwaukee 1st mort. bonds	48 — 52	48 — 52
Do. 2d do.	48 — 52	48 — 52
Erie shares, $100	— —	— —
Do. Reconstruction Assess. $6 pd.	27 — 28	27 — 28
Do do. $4 pd.	25½ — 26½	25½ — 25½
Do Preference Shares	— —	— —
Do. Con. Gold Trust. Cer. ex Fcoup	69½ — 70½	68 — 69
Do. 1st Consol. Mort. ex-certif	— —	106½—107½
Do. with Rec. T's Certs. of 6 Cou	107 —108	117 —119
Illinois & St. Louis Bdge 1 mort. stg.	87 — 89	87 — 89
do. 2 mort. stg	40 — 45	40 — 45
Illinois Central $100 shares	85 — 87	83 — 85
Lehigh Valley Consol. mortgage	103 —105	103 —105
Marietta and Cincinnati Railway	— —	87 — 92
N. Y. Cent. & Hud. Riv. Mt. bonds	124 —125	124 —125
Do. $100 shares	— —	— —
N. Y., Lake Erie & W. F. C. bonds	72 — 73	71 — 72
Pennsylvania, $50 shares	36 — 37	35½ — 36½
Do. 1st mortgage	104 —106	104 —106
Do. Con. Sink. Fund Mort	103 —105	103 —105
Philadelphia and Reading $50 shs	13 — 14	12½ — 13½
Pittsbg, Ft. W. & Chic. Equip bds	108 —110	107 —109
Union Pacific Land Grant 1st mort	110 —112	110 —112

American Railroad Journal.

Saturday, April 26, 1879.

Financial and Commercial Affairs.

All other topics of the week have been in a subordinate relation to those connected with the marvelous extent, promptness, and success of the refunding operations of the Treasury Department. A syndicate was formed, avowedly at the suggestion of Messrs. Fisk & Hatch, bankers, and under the leadership of the First National Bank of this city, and as representing several prominent banks and bankers, with a view to absorbing all of the Four per cent loan, offered by the Secretary of Treasury, to provide for the retirement and refunding of the outstanding Ten-Forties, which reached an aggregate of $194,500,000. This syndicate made a bid for $150,000,000 of the 4 per cent bonds, and $44,500,000 of the $10 4 per cent certificates. Other bids were submitted, which amounted to over $40,000,000 more. The Secretary decided to accept the bid of the Syndicate, with certain modifications, and to award $111,000,000 to the First National Bank, reserving the refunding certificates for popular subscription in small amounts until the close of business on June 17. Of the amount, the bank retains for itself $25,000,000, Messrs. Fisk & Hatch getting their quota of $25,000,000, while the remaining $71,000,000 are allotted to the bankers and banks who were of the parties to the original bid. The bid for the 4 per cent certificates of deposit was rejected on the ground that Secretary Sherman wished to have them distributed among people of small means, so as to bring such subscribers to the support of the national credit. The Secretary has accordingly issued a circular offering the Ten-Dollar Certificates, in sums of not over $100

to any single buyer, at 100 and accrued interest less ⅛, or at 99⅞ and accrued interest. All of the Ten-Dollar Certificates not taken at the end of sixty days shall be sold to the First National Bank Syndicate on the terms offered in his circular of the 16th. He has likewise issued two calls for the redemption of bonds; the 98th for $160,000,000, interest to cease on the 18th of July, and the 99th, for $23,566,300, interest to cease on the 21st of July, thus exhausting the entire issue of 10-40s; and another, the 100dth, for $260,000 of bonds of the loan of 1858, act of June 14, 1858, the principal and interest of which will be paid on and after the 23d of July; thus bringing refunding operations to a close until January, 1881, when the redemption option of the Government on the Six and Five per cents of 1881 shall have matured.

A very confident temper has been awakened and developed in financial circles, by these great operations, which has been manifested in the smoother working of the Money market at home and the increased activity in the financial and commercial lines. Foreign advices have been of a continued accumulation of unemployed capital, further depression in loan and discount rates, and little, if any, improvement in the business position. American produce has been quoted weaker in price, in the European markets, thus tending to impede export purchases here.

Money in the local market has been in much better supply and available at lower figures, but has not been in very urgent request either for speculative purposes, or legitimate trade requirements. The City Bank exhibit of last week indicated an increase in the loan and discount average of $708,400, and an increase in the item of circulation of $25,100. The average of deposits was enlarged $4,951,800. The legal tender reserve was augmented $4,526,700 (or to $40,672,100); and the specie average $588,900. The City bank net reserve of specie and legal tender notes now shows an excess over the legal requirement of reserve to liabilities of $9,488,950, against $6,228,375 the preceding week, or a gain of $3,260,575. The City bank exchanges in currency reached $487,843,451, or a daily average of $81,307,242. Call loans have been quoted down to 2@5, generally at 3@5 per cent, on the pledge of Stock or mixed collaterals (in the instance of Government securities, however, ranging as low as 2), and best discounts at 4@6 per cent per annum.

The outstanding amount of legal tender notes is $346,742,941. The National bank circulation is now $327,135,035 of currency notes and $1,466,920 of national gold bank notes. National Bank notes received at the Treasury Department last week for redemption were to the amount of $2,762,000. The amount of United States bonds deposited with the U. S. Treasurer at Washington for circulation during the week was $2,197,600. And of United States bonds held for circulation withdrawn during the week $1,616,100. The Treasury Department now holds $351,162,400 in United States bonds to secure the outstanding national bank circulation.

Stimulated by the extraordinary success of the refunding policy of the Treasury Department, dealings in Government bonds at the Stock Exchange and through private channels have been of remarkable magnitude, and generally at much higher and buoyant prices, the Four per cent bonds attracting special attention from investment buyers and advancing to over one per cent premium. At the revised figures the demand from investment sources continued quite brisk to the close; in part for shipment to Europe. Subscription to the new 4 per cent certificates of deposit have been of more liberal proportions. At the close on Wednesday the current quotations for the various issues were as follows:

United States 6s, 1881, registered, 106⅜@106½; do. coupon, 106¾@106½; 5 per cents, 1881, registered, 103¼@103½; do. coupon, 104⅜@104½; 4½ per cents, 1891, registered, 106⅝@106¾; do. coupon, 106¾@107; 4 per cents, 1907, reg., 101⅝@101½; do. coupon, 101⅜101½; sixes, currency, 123⅝@123½.

A fairly active inquiry has been reported for State Bonds, and the favorite loans have again been quoted firmer, though leaving off at lower figures, and more or less irregularly. Railway Mortgages of the prominent interest bearing issues have been quite freely purchased, especially on investment account, at a further advance in values, though, on the later dealings, showing some reaction. Erie Bonds continued a leading feature in the operations. In the line of Railway and Miscellaneous share property a freer movement has been reported, chiefly on speculative account, at in the main advancing prices, though the fluctuations have been frequent, and sharp, the market having been, especially toward the close, characterized by unusual sensitiveness to speculative influences. The dealings reached on Thursday an aggregate of about 145,000 shares, and on Saturday of about 157,000, and on Monday of the current week, up to 206,000 shares, followed on Tuesday by a total of nearly 212,000 shares.

The Gold movements have been of little interest. The specie outflow last week was only $427,231—making the total exports of specie hence since January 1, 1879, $6,389,648, against $5,490,921 the same time in the preceding year. The imports of specie at this port last week were to the amount of $170,964, and since January 1, 1879, have been $3,424,935 against $9,549,421 same time in the preceding year. The Customs drain for gold in the local market reached $2,123,047 or an average of about $353,841 per day.

Foreign Exchange has been variably in price, but closed more firmly with a better inquiry noted. Bankers' sixty day bills on London closed at $4 86@$4 86½; sight bill on London at $4 87½@$4 88 to the £ sterling. Cable transfers, $4 88@$4 88½. The week's imports of Dry Goods and general merchandise were to the specie value of $6,749,043 as against $5,859,118 the corresponding week of 1878. The week's import entries of Foreign Merchandise at New York included $1,691,791 of Dry Goods, and $5,057,252 of General Merchandise. The week's exports of Domestic Produce and Miscellaneous Goods from this port were to the aggregate value of $5,505,457 against $5,676,321 same week 1878, making the total exports of produce since Jan. 1 this year $96,454,289, against $107,557,456 same period in 1878, and $81,774,188 in 1877.

Business in Produce and Merchandise has been more active but at unsettled prices; for Grain and Provisions lower though rallying a little toward the close. Dry Goods have been freely purchased and have ruled firm. Cottons has been decidedly brisk, especially in the option line; receding, however, sharply during the week, but on Wednesday rallying again and closing buoyantly. Low Middlings closed for prompt delivery at 11 5-16@11 7-16; Middlings at 11⅜@11¾. Options left off for April basis of Middling at 11.70@11.71; May at 11.78@11.79; June at 11.97@11.98; July at 12.14@12.15; August at 12.29; September at 11.98@11.99; October at 11.44@11.45; November at 11.06@11.08; December at 10.98@10.99.

Naval Stores have been inactive at former prices. Petroleum has been depressed and lower here and at the primary markets on freer offerings and a restricted movement.

Foreign merchandise has been in fair request at generally unchanged prices.

Metals have been moderately active and quoted generally firm. Pig Iron quoted for Glengarnock, at $20 75@$21 50; Coltness, $21 50@$22 50; Eglinton at $19 50@$21 50; No. 1 American Pig at $17@$20 50, as to brands; No. 2 do. at $16@$18 50. Forge, $15@$15 50. New Iron Rails $35@$38. Wrought Scrap, $21@$25. Steel Rails wanted and quoted on the basis of $43@$46 at the mills and at tide water (3500 tons sold). Old Iron Rails quoted at $21@$21 50. Ingot Copper quiet with Ingot quoted at 15¾@16cts. Tin in request at former quotations. Domestic Pig Lead dull and quoted at 3@3⅛cts.

More animation has been reported in the line of Ocean freights at somewhat stronger rates closing with a fair degree of firmness. The Grain and Petroleum interests have been the most urgent in their requirements. Liverpool steamer rates at the close for Grain quoted at 6d. per bushel. Flour, at 2s. 3d. Provisions, 22s. 6d.; Butter and Cheese 27s. 6d.; Leather, 35s. Measurement Goods 17s. 6d.@22s. 6d. per ton; Cotton, 3-16d.@¼d. per lb. Tobacco at 30s. Liverpool, by sail: Cotton, 13-64@7-32d. Grain at 5½ per bushel; Flour, 1s. 9d.; Measurement Goods, 12s. 6d.@15s. Tobacco 25s.; Oil Cake at 17s. 6d. Provisions for the Continent by sail, 22s. 6d.@25s. and by steam at 25s.@35s. Grain rates on charter hence for Cork and orders left off at 4s. 9d.@5s. 1¼d.; for the Continent Grain at 4s. 4½d.@6s. 3d. as to ports of discharge. Tonnage for Refined Petroleum at 3s. 9d.@4s. 3d. to Cork, for orders; and at 2s. 9d.@3s. 3d. to the Continent, and 3s. 9d.@4s. 1¼d. to the Baltic. Through freight movements have been moderately active, but again quoted unsettled; with further contracts by steam from Chicago to Liverpool reported as low as about 38 per 100 lbs. though schedule quotations ranged higher.

The following quotations of sales of Railway and other securities are in addition to those given elsewhere in our columns:—

New York.—St. Louis, Kansas City and Northern Real Estate 7s, 1895, 100; do. Omaha div. 98¾; Rensselaer and Saratoga R. R., 99; Denver and Rio Grande 1st, 91½; Missouri, Kansas and Texas R. R., 15; do. 7s, consol. S. F. ass., 62⅞; do. 2d, 29¼; Clev., Col., Cin. and Ind. consol., 99⅛; Central of New Jersey 1st consol. ass., 87; do. Adjm't bonds, 103; do. conv. ass.,

88; do. Inc., 56; Kansas Pacific 1st, J. & D., with coup. certif., 117¼; do. 2d, L. G., do., 92½; do. Inc. No. 16, 68; St. Louis and San Francisco 2d, class C, 46; do. B, 49¼; do. A, 80; Dubuque and Sioux City R. R., 57; East Tenn., Va. and Ga. 1st, 99; New Jersey Southern R. R., 1½; do. 1st, 38; Chesapeake and Ohio 1st pref., 4½; do. 1st mort. Series B, 36; Winona and St. Peter 2d, 104; Louisville and Nashville R. R., 55⅞; 2d, 103; South Pacific 1st, 97; Kansas Pacific 7s, Denver div., with coup. certif., 111¼; do. trust. receipts, 110¾; Chicago, St. Paul and Minn. 1st, 97; do. L. G., Inc., 54; Lehigh and Wilkesbarre con., 75; do. ass., 51; Delaware and Hudson 1st Penn. div., 101⅜; Marietta and Cincinnati 1st, 84; Keokuk and Des Moines R. R., 10; do. 1st 91; International 1st, 81; Lake Shore Div. bonds, 113; Toledo and Wabash Equip., 12; Cincinnati and Springfield 1st, guar. by Lake Shore, 100½; do. by Clev., Col., Cin. and Ind. 89½; Erie and Pittsburg consol., 97; Cedar Falls and Minnesota 1st, 99; Mil. and St. Paul I. & D. ext., 102; Buffalo and Erie 7s, new, 116; Pitts., Ft. W. and C. special, 96¾; Boston, Hartford and Erie 1st, 35½; Buffalo, New York and Erie 1st, 1916, 116; Toledo, Peoria and Warsaw 1st W. div., pur. com. rec., 100; Nashville and Decatur 1st, 105; Am. Dist. Tel., 59¾; Gold and Stock Tel., 59; Homestake Mining Co., 31¾; Standard, 28⅛; Mariposa L. & M. Cal., 5½; Ontario, 39¾; Sutro Tunnel, 4⅜; Canton, 32½; Louisiana 7s, consol., 48¾; Tennessee 6s, old, 36; do. new, 30¾; Alabama Class A, 48½; Missouri 6s, 1886, 104; do. 1887, 103⅞; do. 1890, 106; Quebec 5s, 1908, 103½; Jersey City 7s, 94. The latest quotations are: Adams Exp., 107½@108; American Exp., 48¾@49¼; Atlantic and Pacific Telegraph, 36@36⅛; Central Railroad of New Jersey, 43⅜@43½; Chicago, Burlington and Quincy, 113¾@114½; Chicago and Alton, 76½@77½; do. pref., 109@110; Chicago and Northwestern, 60½@60⅝; do. pref., 90⅜@90¾; Chicago, Milwaukee and St. Paul 42@42⅛; do. pref., 82½@82⅜; Chicago, Rock Island and Pacific, 131¾@132; Cleveland, Columbus, Cincinnati and Indianapolis, 42½@43; Cleveland and Pittsburg, 94½@95; Delaware and Hudson Canal, 41½@42½; Delaware, Lackawana and Western, 52⅛@52¼; Erie, 26⅝@26¾; do. pref., 48½@48¾; Hannibal and St. Joseph, 16@16¼; do. pref., 40⅝@40⅞; Illinois Central, 84½@85; Kansas Pacific 47@48; Lake Shore and Michigan Southern, 71¼@71½; Michigan Central, 82⅞@83; Morrris and Essex, 85⅞@86¼; N. Y. Central and Hudson River, 116½@116⅝; New York and Harlem, 158@160; Ohio and Miss., 13⅜@13½; do. pref., 37@38; Pacific Mail, 13⅜@13⅞; Panama, 136@—; Pittsburg, Ft. Wayne and Chicago, 106¾@107¼; Quicksilver, 12¾@13⅛; do. pref., 36¾@38; St. Louis, Kansas City and Northern, 11¾@12; do. pref., 35½@35¾; Union Pacific, 75¼@75⅜; U. S. Express, 49¼@50; Wells Fargo Express, 100@100½; Western Union Telegraph, 105⅛@105½; Wabash, 28⅞@29.

Philadelphia.—Schuylkill Nav. 7s, B. L., 57; Western Pennsylvania 6s, Pittsburg Bt., 93; Peoples' Passenger R. R., 13¼; do. 7s, 98; Philadelphia, Germantown and Norristown R. R., 101½; St. Paul and Duluth R. R., 8; Philadelphia and Reading R. R. scrip, 56; do. Income 7s, 58; Connecting R. R. 6s, 108½; Steubenville and Indiana 6s, A. & O., 102½; Am. S. S. Co. 6s, 90; Ridge Av. R. R., 75; Texas Pacific L. G. Inc., 31½; Lehigh Nav. consol. 7s, 70; Susq. Coal, 6s, 92; Nesquehoning Valley R. R, 49; Hestonville R. R. 6s, 97½; Central Transp., 48½; Pittsburg Avenue 7s, 102; do. 7s, W. L., 109½; Harrisburg 6s, 1903, 106. The latest quotations are: City 6s, 107@108; do. free of tax, 118⅛@119; Pennsylvania State 6s, 2d series, 101⅞@102⅛; do. 3d series, 107¾@108; do. 5s, new loan, 113@113¼; Philadelphia and Reading 14⅝@14¾; do. Gen'l mort. 7s, coup., 106⅛@106⅞; do. reg. 106⅜@106⅝; do. mort., 6s, 1880, 102@104; do. 7s, new conv., 50@52; do. 7s, 1893, 115@116; United New Jersey R. R. and Canal Co., 140@141; Pittsburg, Titusville and Buffalo R. R., 4⅞@5¼; do. 7s, 25@28; Camden and Amboy mort. 6s, 1889, 112@112½; Pennsylvania R. R., 36¼@36⅜; do. 1st mort., 104⅞@105¼; do. gen'l mort., coupon, 111⅝@112⅜; do. reg., 112⅛@112⅞; do. consol. mort. 6s, reg., 104¼@104¾; Little Schuylkill R. R., 41¼@41¾; Morris Canal, 51⅞@52⅛; do. pref., 128@130; Susq. Canal, 3@6; do. 6s, 25@26; Schuylkill Nav. 3@4 do. pref., 6⅝@7¾; do. 6s, 1882, 60¼@60⅞; do. 1872, 90@94; Elmira and Williamsport pref., 41@44; do. 7s, 108⅛@108⅜; do. 5s, 75@80; Lehigh Coal and Navigation, 16½@16¾; do. 6s, 1884, 104⅝@104⅞; do. R. R. loan, 106@106⅞; do. Gold Loan, 94@95; North Pennsylvania, 36@37; do. 6s, 108¼@109½; do. 7s, 119@120; do. Gen'l mort. 7s, reg., 113@114; Philadelphia and Erie, 8@8½; do. 6s, 104⅛@104¾; do. 7s, 107¼@107¾; Minehill, 50@51; Catawissa, 7½@8½; do. pref., 36⅝@37⅛; do. new pref., 33@34; do. 7s, 1900, 10⅛8@109; Lehigh Valley 35⅛@35¾; do. 6s, coupon, 113½@114½; do. reg., 114@116; do. 7s, reg., 118@118⅛; do. consol., mort., 102@102½; Fifth and Sixth streets (horse), 104@105; Second and Third, 84@85; Thirteenth and Fifteenth, 53@54; Spruce and Pine, 48@48½; Green and Coates, 64⅞@65½; Chestnut and Walnut, 63¼@63¾; Hestonville, 12¼@12½; Germantown, 52@54; Union, 80@82¼; Lombard and South, 8@11; West Philadelphia, 63@64½.

Baltimore.—Canton gold, 6s, 98¾; Baltimore and Ohio R. R. 1st pref., 101⅛; Parkersburg Br., 3⅛; Virginia Peelers, 42⅛; Virginia Black Scrip, 16½; Baltimore City 6s, 1890, 114; do. 6s, 1900, 114⅛; do. 6s, 1884, 108; do. 5s, 1894, 105¾; do. 5s, guar., 103; do. 5s, new, 107. The latest quotations are: Cincinnati and Baltimore, 7s, 100⅛@101¼; Richmond and Danville 1st mort., 87@—; Pittsburg and Connellsville 7s, 1898, 105@106; Baltimore and Ohio, 87@90; do. scrip —@—; do. 6s, 1880, 102¼@102⅜; do. 1885, 106¼@—; Northern Central, 13⅛@13⅜; do. 6s, 1885, 107@—; do. 6s, 1900, 104@—; do. 6s, 1900, gold, 100¼@100½; Marietta and Cincinnati 1st mort. 1892, 84@86¼; do. 2d mort. 7s, 32½@34; do. 3d mort. 8s, 12⅛@12⅝; Central Ohio, 26¾@28; do. pref., 42@43; do. 1st mort., 104@107; Western Maryland 1st mort. unindorsed, 103@104; do. 2d mort. pref., 90@95; do. 2d mort., guar. by Washington Co., 107@—; Virginia and Tennessee 2d mort. 6s, 92@93; do. 3d mort 8s, 104@104¼; Orange, Alex. and Manassas 7s, 56@58; Baltimore 6s, 1884, 108@110; do. 1886, 108@—; do. 1886, new, 108@—; do. 1890, 114@114½; do. 1900, 114½@114¾; do. 1900, new, 113½@115; do. 1902, 114⅞@—; do. 1902, new, 114@115; do. 6s, exempt, 114½@116; do. 5s, 1894, 105⅛@106½; do. 5s, new, 106½@107; Maryland Defense 6s, 1883, 108⅝@108⅞; do. 6s, exempt, 113@—; do. 6s, 1890, 109¼@—; do. 5s, 100@—; Virginia consol. 6s, 56⅞@57⅛; do. 2d series, 42@42½; Virginia Consol. coupons, 81⅞@82¼; West Virginia def. certif., 7⅝@7⅞; Baltimore City Passenger R. R., 34@—; George's Creek Coal, 50@—; Atlantic Coal, —@0.90; Canton Co., 30@35; do. gold 6s, 98@98½; Union R. R., Canton end., 107@—.

Boston.—Burlington and Missouri River in Nebraska, non-exempt, 101½; Kansas City, St. Joseph and Council Bluffs 7s, 81; Cheshire R. R., 29; Connecticut and Passumpsic Rivers R. R., 40¼; Atchison and Nebraska R. R., 30; Denver and Rio Grande R. R., 22⅜; Chcago, Dubuque and Minnesota R. R., 40; Republican Valley R. R., 121; Indianapolis, Cincinnati and Lafayette R. R., 1⅛; Rutland pref., 12; Boston Land, 3⅛; Boston Water Power, 2½; Cleveland 7s, 1888, 109; do. 1894, 113; St. Paul 8s, 1890, 105¾; do. 1894, 106¼; Chicago, 7s, 1880, 100; Cincinnati 7s, 1891, 108; St. Louis County 6s, 1905, 106½; Cook Co., Ills., 7s, 1880, 101⅝; Duncan Silver Mining Co. 4¼; International, 45c.; Ridge, 1; Silver Islet, 57½.

☞ The directors of the New York and Albany Railroad Co., elected on the 21st inst., are: Thomas Dickson, Abial A. Low, Alfred Van Santvoord, of New York; Homer Ramsdell, of Newburg; Thomas Cornell, of Kingston; Henry R. Pierson, Joseph H. Ramsey, Henry Smith, Stephen W. Whitney, B. V. Z. Wemple, Charles H. Ramsey, of Albany; Minard Harder, of Cobleskill, and Jacob Vroman, of Schoharie. Joseph H. Ramsey was elected president, Henry R. Pierson vice president and treasurer, and W. L. M. Phelps secretary.

☞ At a special meeting of the directors of the Wabash Railway Co., held on the 21st inst., the resignations of H. A. V. Post, A. M. Billings, W. M. Bliss, and C. K. Garrison were received, and the following chosen in their places: J. Lowber Welsh, of Philadelphia; Russel Sage, James F. Joy, of Detroit, and J. Gould. It was resolved to extend the road from Toledo to Detroit, so as to make connection with the Great Western Railway of Canada at the latter point.

☞ A number of improvements are in contemplation at the New York terminus of the Pennsylvania Railroad. Among these are: a new ferry house at the foot of Courtlandt Street, new warehouses on the New Jersey Side, and a grain elevator with a storage capacity of 1,500,000 bushels upon their property at Harsimus Cove.

☞ Engineers have commenced the survey of a route from Butler, Penn., to intersect the narrow gauge railroad now in operation from Allegheny City to Evansburg, Harrisburg and Zelienople.

☞ The Port Huron and Lake Michigan Railroad is to be sold by auction at Detroit, Mich., on the 21st of May in accordance with a decree of the U. S. Court.

RAILROAD AND CANAL DIVIDEND STATEMENT.

Showing the amount of Stock Outstanding, the Dividend Periods and the date of last Dividend.

Marked thus (*) are leased roads.	Stock outstanding.	Dividend Periods.	Last Dividend Payable.
Albany and Susq*.....100	$3,500,000	J. & J.	Jan. '79 3½
Atlanta and West Point.100	1,232,200	J. & J.	July '78 4
Atlantic and Gulf guar..100	786,476	M. & N.	Nov. '78 3½
Atlantic and St. Law*..100	5,000,000	M. & S.	Mar. '79 3
Augusta and Savannah..100	1,022,900	J. & D.	Dec. '77 3½
Avon, Genesco & Mt. M.*100	225,000	A. & O.	Jan. '78 3
Baltimore and Ohio.....100	14,216,800	M. & N	May '79 4
Washington Br.....100	1,650,000	A. & O.	Apl. '79 5
Berkshire*.....100	600,000	quarterly	Apl. '79 1½
Boston and Albany 100	20,000,000	M. & N	Nov. '78 4
Bos., Clin., F. & N. Bed.100	2,523,500	— & —	.....
Agricultural Br. guar..100	60,000	J. & D	June '76 3
Bost., Conc. & Mont.*pref100	800,000	M. & N	Nov. '78 3
Boston and Lowell.....500	3,250,000	J. & J.	Jan. '79 1
Boston and Maine.....100	6,921,274	M. & N.	May '79 3
Boston and Providence..100	4,000,000	M & N.	May '79 3
Attleborough Branch.100	131,700	J. & J.	Jan. '79 3½
Bost., Revere B. & Lynn.100	350,000	quarterly	Jan. '79 3
Buffalo, N. Y. and Erie*.100	950,000	J. & D	Dec. '78 3½
Burl. & Mo. Riv in Neb.100	8,538,000	quarterly	May '79 2
Camden and Atlantic.... 50	377,400	quarterly	Apl. '78 2
" " pref. 50	338,311	quarterly	Apl. '78 2
Camden & Burl. Co.....100	381,925	J. & J.	Jan. '79 3
Cape May and Millville* 50	447,000	J & D.	Dec. '77 3
Catawissa*..... 50	1,159,600	October.	Oct. '78 $1½
" pref. 50	2,200,000	M. & N.	Nov. '78 3½
" 2d pref..... 50	1,000,000	M. & N.	Nov. '78 3½
Cayuga and Susq.*..... 50	589,110	J. & J.	Jan. '79 5
Cedar Rapids & Mo. R.*100	6,850,400	F.M.A.N	May '79 1
" " pref..100	769,600	F. & A	Aug. '78 5½
Central of Georgia.....100	7,500,000	J & D.	Dec. '78 2½
Central of New Jersey..100	20,600,000	quarterly	Apl. '79 2½
Central Ohio*..... 50	2,425,000	J. & J.	Jan. '79 2
" pref.... .. 50	400,000	J. & J	Jan. '79 3
Central Pacific 100	$4,275,500	A. & O.	Oct '77 4g
Chemung*.....100	$80,000	quarterly	Apl. '79 1½
Cheshire, preferred 100	2,155,300	J. & J.	Jan. '79 1
Chicago and Alton.....100	10,065,400	M. & S.	Mar. '79 3
" " pref...100	2,425,400	M. & S.	Mar. '79 3½
Chicago, Burl. & Quincy.100	27,598,242	M. & S.	Mar '79 4
Chi., Clin., Dub. & Minn.....	6,156,000	A. & O.	Apl. '79 $2
Chicago, Iowa & Nebras*100	3,916,200	J. & J.	Jan. '79 5
Chi., Mil. and St. Paul..100	15,404,261	A. & O.	Dec. '70 7s
" " pref.....100	12,279,483	A. & O	Apl. '79 3½
Chicago & N. Western..100	14,988,807	J. & D	Dec. '78 2
" pref.100	22,025,608	quarterly	Mar. '79 1½
Chicago, R. I. & Pacific.100	20,980,900	quarterly	May '79 2
Cin., Ham. & Dayton....100	3,500,000	A. & O.	Apl. '73 4
Cin., Sand. and Clev.*.. 50	2,980,550	— & —	Apl. '72 10s
" " pref... 50	413,150	M. & N.	Nov. '78 3
Clev., Col., Cin. & Ind...100	14,991,800	F. & A.	Feb. '76 3
Cleveland & Mahoning*. 50	2,057,569	M. & N.	May '77 3½
Cleveland & Pittsburg*. 50	11,236,150	quarterly	Mar. '79 1½
Columbus and Xenia*.. 50	1,786,200	M.J.S.D	Mar '79 2
Colum. & Hocking Val..100	2,500,000	F. & A.	Feb. '79 4
Concord.....	1,500,000	M. & N.	Nov. '78 5
Concord and Porta.*.....100	350,000	J. & J.	Jan. '79 3½
Conn. & Passum p Riv..1 0	2,175,700	F. & A.	Feb. '79 1½
Connecticut River..... 10	2,100,000	J. & J.	Jan. '79 4
Cumberland Valley 5	1,292,950	J.A.J.O.	Apl. '79 2½
" 1st pref.. 50	241,900	A. & O.	Apl. '79 4
" 2d pref... 50	243,000	A. & O.	Apl. '79 4
Danbury and Norwalk.. 50	600,000	quarterly	Mar. '78 1½
Dayton & Michigan*.... 50	2,39 ,350	A. & O.	Oct. '78 1½
" " pref. 50	1,286,100	quarterly	Jan. '79 2
Delaware*..... 50	1,280,950	J. & J.	Jan. '79 3
Del., Lackaw. & Westn. 50	26,200,000	quarterly	July '76 2½
Detroit & Milwaukee *.. 50	822,140	— & —	.....
" " pref. 50	2,095,000	J. & D.	Dec. '69 7
Dubuque & Sioux City*100	5,000,000	A. & O.	Apl. '79 2
East Pennsylvania* 50	1,309,200	J. & J.	Jan. '79 3
East Mahanoy *..... 50	392,950	J. & J.	Jan '79 3
East Tenn., Va. & Ga...100	1,968,274	A & O.	Apl. '76 3
Eastern (Mass.).....100	4,997,600	J. & J.	July '78 3
Eastern (N. H.).....	492,500	J. & J.	Jan. '79 3½
Elmira, Jef. & Canand*.100	500,000	F. & A.	Feb. '78 2½
Elmira & Williamsport* 50	500,000	M. & N.	Nov. '78 2½
" " pref. 50	500,000	J. & J.	Jan. '79 3½
Erie Railway 100	76,000,000	.....	Oct. '78 1
" pref..... 100	8,586,910	.....	Oct. '73 3½
Erie and Pittsburg*..... 50	1,090,250	quarterly	Mar. '79 1½
Fitchburg..... 100	4,500,000	J. and J.	Jan. '79 3
Georgia..... 100	4,200,000	J. and D	Dec. '78 3
Grand Trunk (Ca.) 1st pf 100	16,100,000	.....	Apl. '78 3
Great Western, (Ca.) ...100	19,237,404	A. and O.	Apl. '78 0
Hannibal & St. Joseph..100	9,168,700	F. and A.	Aug. '70 3½
" " pref.100	5,083,024	Annual.	Aug. '70 7
Han. June., Han. & Get. 50	116,850	M. & N.	Nov. '77 2½
Harlem Extension..... 100	4,000,000	— & —	.....
Harrisburg & Lancaster* 50	1,182,500	J. & J.	Jan. '79 3½
Housatonic, pref. 100	1,180,000	quarterly	Apl. '79 2
Illinois Central..... 100	20,000,000	M. & S	Mar. '78 3
Indianapolis, Cin. & Laf. 50	7,685,497	M. & S	Sept. '67 4
Iowa Falls & Sioux City*100	4,625,000	quarterly	Dec. '78 1
Iowa Railroad Land Co 100	7,630,000	quarterly	May '79 1½
Jo. Co. & Mo. Northern. 100	5,000,000	quarterly	May '79 2
Jeffersonv., Mad. & Ind.100	2,000,000	quarterly	Feb. '79 1½
Joliet and Chicago*.....100	1,500,000	quarterly	Apl. '79 1½
Kentucky Centra 1 0	4,500,000	J. & D.	June '78 3
" " pref.100	500,000	J. & D.	June '78 3
Lake Shore & Mich. So..100	49,466,500	F. & A.	Feb. '79 3
" " (pref.)..100	833,500	F. & A.	Feb. '79 5
Lawrence*..... 50	450,000	quarterly	Apl. '79 2
Lehi h Valley 50	27,223,858	quarterly	Apl. '79 1
Little Miami *..... 50	5,871,450	quarterly	Mar. '79 2

Marked thus (*) are leased roads.	Stock outstanding.	Dividend Periods.	Last Dividend Payable.
Little Schuylkill*..... 50	$2,646,100	J. & J.	Jan. '79 1½
Long Island..... 50	3,000,000	M. & S.	May '73 10s
Louisv., Cin. and Lex... 50	1,623,483	J. & J.	July '69 3
" " pref.100	848,700	J. & J.	Jan. '74 4½
Louisville & Nashville..100	9,003,418	F. & A.	Feb. '79 1½
Louisv., N. Alb. & Chi...100	3,000 000	J. & D.	Dec. '70 3
Lowell and Andover.....100	500,000	J. & J.	Jan. '79 3½
Lowell and Lawrence ...100	200,000	A. & O.	Apl. '78 2
Lykens Valley 100	600,000	F.M.AN	Feb. '78 2½
Manchester and Law....100	1,000,000	M. & N.	May '79 5
Marietta & Cincinnati... 50	1,408,912	— & —	.....
" " 1st pref. 50	8,130,719	M. & S	Sep. '66 3s
" " 2d pref.. 50	4,460,368	M. & S.	Sep. '66 3s
Massawippi*.....	400,000	F. & A	Aug. '78 1
Memphis & Charleston* 25	5,312,725	J. & D.	Jan. '69 3
Michigan Central 100	18,738,204	F. & A.	Feb. '79 2
Middlesex Central.....100	2,130 shs	F. & A.	Feb. '79 3
Mill Creek & Minehill* 50	823,375	J. & J.	Jan. '79 5
M. Hill & Schuyl. Hav.* 50	3,856,450	J. & J.	Jan. '79 3½
Mobile & Montgomery..100	2,794,800	.....	Feb. '79 2
Morris and Essex*..... 50	15,000,000	J. & J	Jan '79 3½
Mt. Carbon & Pt. Carbon.50	282,350	J. & J.	Jan '79 6
Nashua and Lowell.....100	800,000	M. & N.	May '78 2
Nashua and Rochester ..100	1,305,800	A. & O.	Apl. '79 1
Nashville and Decatur..100	1,529,000	J. & D.	Dec. '78 3
Nash., Chat. & St. Louis.100	6,575,266	A. & O	Apl. '79 1
Naugatuck.....100	2,000 000	J. & J.	Jan. '79 5
Nesquehoning Valley*.. 50	1,000,000	M. & S.	Mar. '79 5
N. Castle & Beaver Val.* 50	1,800,000	quarterly	Apl. '79 2½
N Haven & Northamp..100	605,000	quarterly	Oct. '74 3
New London Northern*100	1,418,806	quarterly	Apl. '79 1½
N.Y. Cen. & Hudson R..100	89,428,330	quarterly	Apl. '79 2
New York and Harlem..100	8,500,000	J. & J.	Apl. '79 4
" " pref.100	1,500,000	J. & J.	Apl. '79 4
" City Line.....	....	annually	Apl. '79 3
New York Elevated.....100	5,000,000	.....	May '79 5
N. Y., N. H. & Hartf....100	15,500,000	J. & J.	Jan. '79 5
N. Y., Provid. & Boston.100	3,000,000	quarterly	Feb. '79 2
Ning. Bridge & Canand*100	1,000,000	J. & J.	Jan. '79 3
North Carolina*..... 100	4,000,000	M. & S.	Mar. '78 5
N. Eastern (S. C.) pref..100	96,000	M. & N.	Nov. '77 4
North Pennsylvania..... 50	3,978,150	F. & A.	Feb. '79 2s
Northern Central 50	5 842,000	A. & O.	Apl. '76 3
Northern N. Hampsh...100	3,068,400	J. & D.	Dec. '78 2½
Northern New Jersey*..100	1,000,000	J. & J.	July '77 2
Norwich & Worcester*.100	2,604,400	J. & J.	Jan. '79 5
Ogdensb. & L. Champl.*100	3,077,000	J. & J.	July '76 2
" " pref.100	2,000,000	A. & O.	Apl. '78 4
Ohio and Mississippi....100	20,000,000	quarterly	.....
" " pref.100	4,030,000	J. & D.	Mar. '75 3½
Old Colony 100	6,733,800	J. & J.	July '78 3
Oswego and Syracuse*..100	482,400	F. & A.	Feb. '79 4½
Panama.....100	7,000,000	quarterly	May '79 3
Paterson and Hudson*..100	632,000	J & J.	July '78 4
Paterson and Newark*..100	250,000	J. & J.	.....
Paterson and Ramapo*..100	248,000	J. & J.	July '78 2½
Pember. & Hightstown*. 50	342,150	J. & J.	July '78 3
Pennsylvania 50	68,870,200	M. & N.	Nov. '78 2
Peoria & Bureau Val.*.100	1,200,000	F. & A.	Feb. '79 4
Philadelphia and Erie*.. 50	6,004,300	J. & J.	.....
" " " pref. 50	2,400,000	J. & J.	Jan. '75 4
Phil., Ger. & Norristwn* 50	1,626,250	M.J.S.D.	Mar. '79 3
Philadelphia & Reading 50	32,726,375	quarterly	Jan. '76 2½
" " pref... 50	1,551,800	quarterly	July '76 3½
Phila. and Trenton*.....100	1,259,100	quarterly	Apl. '79 2½
Phila., Wil. & Balt..... 50	11,564,250	J. & J.	Jan. '79 4
Pittsb., Ft. W. & Chi.*...100	19,714,285	quarterly	Apl. '79 1½
" Special Imp..100	5,504,300	quarterly	Apl. '79 1½
Pittsfield & N. Adams..100	450,000	J. & J.	Jan. '79 2½
Portl., Saco & Portsm....100	1,500,000	J. & J.	Jan. '79 3
Providence & Worces..100	2,000,000	J. & J.	Jan. '79 2½
Raleigh and Gaston.....100	1,500,000	J. & J.	July '71 6
Rensselaer & Saratoga *100	6,000,000	J. & J.	Jan. '79 4
Richmond & Petersb....100	1,008,600	J. & J.	Jan. '79 2
Roch. & Genesee Val.*..110	555,200	J. & J.	Jan. '79 3
Rome, Watert. and Ogd..100	2,998,900	J. & J.	July '75 3
Rutland preferred..... 100	4,168,700	F. & A.	Feb. '75 3½s
St. Croix and Penobscot.100	100,000	J. & J.	July '71 2
St. L., Alt. & T. Haute..100	2,300,000	— & —	.....
" " " pref.100	2,463,400	F. & A.	Feb. '78 2
St. L., I. Mt. & South'n.100	14,248,950	F. & A.	Feb. '74 3
St. L., Kan. C. & North.100	12,000,000	.....	.....
" " pref.100	12,000,000	.....	Nov. '72 $2
Salem and Lowell.....100	2,433 shs	M. & S.	Sep. '75 50c
Schuylkill Valley* 50	576,050	J. & J.	Jan. '79 2½
Seaboard and Roanoke..100	1,151,400	M. & N.	Nov. '78 3
Shamokin V. & Pottsv.* 50	869,450	F. & A.	Feb. '79 3
Shore Line*..... 100	995,800	J. & J.	Jan. '79 4
Sioux C. & Pacific pref..100	169,000	A. & O.	Apl. '79 3½
South Branch (N. J.)*...100	438,300	J. & J.	Jan. '79 3
South Carolina 100	5,819,275	F. & A.	May '71 1
South Western, (Ga.) *..100	3,892,300	J. & D.	Dec. '77 3½
Stockbridge and Pitts.*..100	448,700	J. & J.	Jan. '79 3½
Stony Brook* 100	287,300	M. & N.	Nov. '77 3
Summit Branch*..... 50	4,125,000	F. & A.	Feb. '76 3
Sussex (N. J.).....100	317,850	J. & J.	Jan. '72 2½
Syr., Bingham. & N.Y.*100	2,004,000	J. & D.	Dec. '78 3
Terre Haute & Indiana 100	1,988,150	J. & J	Feb. '79 4
Troy and Boston..... 100	1,600,000	F. & A.	Feb. '78 4
Union Pacific 100	36,745,000	quarterly	Apl. '79 1½
United Cos. of N. J*....100	19,890,400	quarterly	Apl. '79 2½
Utica, Chenango & S. V.100	4,000,000	M. & N.	Nov. '78 3
Utica and Black River....100	1,666,000	J. & J.	Mar. '79 2
Vermont & Canada*....100	2,500,000	J. & D.	June '72 4
Vermont & Mass 100	2,000,000	A. & O.	Apl. '79 3

Marked thus (*) are leased roads.	Stock outstanding.	Dividend Periods.	Last Dividend Payable
Ware River*.....100	$750,000	J. & J.	Jan '79 3½
Warren (N. J.).....100	1,800,000	A. & O.	Apl. '79 3½
Warwick Valley.....100	225,000	A. & O.	Oct '77 3½
Westchest. & Phil. pref..100	821,300	J. & J.	Jan. '79 4
West Jersey.....100	1,559,750	F. & A.	Aug. '77 3
Wilmington & Weldon.100	1,455,200	J. & D.	Nov. '78 3
Winchester & Potomac*100	180,000	J. & J.	Jan '79 3
Winchester & Strasburg*100	600,000	J. & J.	Jan. '79 3
Worcester and Nashua.. 75	1,789,800	J. & J.	July '76 2
HORSE-POWER R. R.			
Albany City.....100	110,300	— & —	.....
Baltimore City..... 25	1,000,000	J.A. J.O.	Jan. '79 4
Balt., Cat. & El. Mills....100	.....	J. & J.	Jan. '79 3
Boston & Chelsea pref..100	110,000	A. & O.	Apl. '78 4
Broadway (Brooklyn)....100	200,000	J.A.J.O.	Apl. '78 4
Broadw. & 7th Av. (N Y)100	2,100,000	J.A.J.O.	Apl. '78 2½
Brooklyn & Hunter's Pt.100	400,000	A. & O	Apl. '78 3
Brooklyn City.....100	2,000,000	F.M.A.N	Feb. '78 3½
Bushwick (Brooklyn)....100	309,000	J. & J.	July '71 3½
Cambridge.....100	875,000	J.A. J.O.	Apl. '79 1½
Cen. Park, N. & E. Riv..100	1,068,400	J. & J.	July '78 3
Citizens' (Phil.)..... 50	500,000	J. & J.	Jan. '78 10
Citizens' (Phg.)..... 50	200,000	M. & N.	Nov. '77 10
Coney Island & Brookl..100	500,000	— & —	.....
Continental (Phila.)..... 50	180,000	M. & N.	Jan. '79 2½
D. Dock, E. B'dw. & Bat..100	1,200,000	F.M.A.N	Feb. '78 2
Eighth Avenue (N.Y.)....100	1,000,000	J. & J.	Jan. '78 6
Elizabeth and Newark ..100	200,000	— & —	3
42nd St. & G. St. Ferry....100	748,000	M. & N.	Nov. '77 5
Frankf. & Southw. (Ph.) 50	600 000	J. & J.	Jan. '78 9
Germantown (Ph.)..... 50	1,000,000	J. & J.	Jan. '79 3
Girard College (Ph.)..... 50	500,000	J. & J.	July '71 3
Grand St. and Newton....100	170,000	J. & J.	July '71 2
Green & Coates St. (Ph.) 50	500,000	J. & J.	Jan. '78 2
Heston, Mantau & Fairm. 50	2,050 000	J. & J.	Jan. '75 1½
Highland.....100	200,000	J. & J.	Jan. '79 4
Lomb. & South Sts. (Ph.) 25	105,000	A. & O	Oct. '77 6
Lynn and Boston.....100	200 000	— & —	.....
Malden and Melrose.....100	200,000	— & —	.....
Metropolitan (Boston)... 50	1,500,000	J. & J.	Jan. '79 4
Middlesex (Boston).....100	400,000	M. & N.	Nov. '78 3
N.Y., Bay Ridge & Jam.100	102 540	.....	Oct. '75 7
Ninth Avenue (N. Y.)....100	797,320	— & —	.....
Orange and Newark 100	282,555	— & —	.....
Philadelphia City..... 50	475,000	J. & J.	Jan. '79 4
Philadelphia and Darby 20	200,000	J & J.	July '77 2
Phila. and Grey's Ferry 50	284,775	J. & J.	Jan. '78 2
Pbg, Alleg. & Manchester 50	200,000	quarterly	Apl. '78 2
Second Avenue (N.Y.)....100	1,199,500	J.A. J.O.	Apl. '78 2
Second & Third St. (Ph.) 50	962,100	quarterly	Jan. '79 3
17th & 19th streets (Ph.) 50	500,000	J. & J.	Jan. '78 4
Sixth Avenue (N. Y.)....100	750,000	M. & N.	Nov. '77 5
Third Avenue (N. Y.)....100	2,000,000	F.M.A.N	Feb. '78 5
13th & 15th street (Ph.).. 50	1,000,000	J. & J.	Jan. '79 3
23d street (N. Y.)..... 100	600,000	J. & J.	Jan. '78 4
Somerville (Boston) 100	98,000	M. & N.	Nov. '78 3
South Boston 100	450,000	J. & J.	Jan. '79 3
Union (Boston) 100	374,800	J. & J.	Jan. '79 5
Union (Phila.) 50	400,000	J. & J.	Jan. '79 5
West Philadelphia..... 50	400,000	J. & J.	July '77 10
CANALS.			
Chesapeake & Delaware 50	1,983,568	J. & D.	June '75 2
Delaware Division..... 50	1,633,350	F. & A.	Feb. '78 4
Delaware and Hudson....100	20,000,000	F. & A	Aug. '76 4
Delaware and Raritan*.100	5,847,400	quarterly	Apl. '79 2½
Lehigh Coal & Navigat.. 50	10,348,550	J.S.D.M.	Sept. '76 1½
Monongahela Navigat.... 50	1,008,500	J. & J.	Jan. '78 6
Morris (consolidated)....100	1,025,000	F. & A.	Feb. '78 2
" (preferred).....100	1 175,000	F. & A.	Feb '78 5
Pennsylvania 50	4,337,950	— & —	.....
Schuyl. Nav. (common)* 50	1,908,207	annually	A. '78 70c.s
" " (pref.). 50	2,888,977	annually	A. '8 140c.s
MISCELLANEOUS.			
Adams Express.....100	12,000,000	quarterly	Mar. '79 2
American Coal..... 25	1,500,000	M. & S.	Sept. '77 2½
American Express.....100	18,000,000	J. & J.	Jan. '79 2
Amoskeag Manuf. Co....100	8,000,000	J. & D.	Dec. '78 5
Calumet and Hecla Mining.	80,000 shs	F.M.A.N	May '79 $5
Central Mining Co.....	.....	Annual.	Feb '78 $5
Consolidation(Md.)Coal.100	10,250,000	M. & S.	Jan. '7 2½
George's Creek C & I...100	.....	J. & J.	Jan. '78 3
Gilberton Coal Co.....100	100,000	— & —	Feb. '77 2½
Maryland Coal.....100	4 400,000	F. & A.	Feb. '76 1½
Mariposa Gold.....	2,836,600	.....	.....
" pref.....100	8,693,400	.....	.....
Missouri Val. Land Co...100	200,000	M. & S.	July '78 1
Moingona Coal Co.....100	305,200	quarterly	Jan. '79 2
National Tube Works...100	1,000,000	quarterly	Apl. '79 3
Old Colony Steamb. Co...100	900,000	J. & J.	July '78 3
Pacific Mail Steamsh.p..100	20,000,000	M.J.S.D.	Sept. '69 3
Pennsylvania Coal 50	4,000,000	F.M.A.N	Feb. '79 3
Pullman Palace Car 100	6,000,000	F.M.A.N	Feb. '79 2
Quicksilver, common ...100	5,700 000	.....	.....
preferred ...100	4,300,000	.....	.....
Quincy Mining Co..... 25	40,000 shs	F. & A.	Feb. '79 $1
Quincy R. R. Bridge....100	1,750,000	J. & J.	Jan. '79 5
Sioux C. & I.F. L. & L. Co.100	500,000	J. & J.	Jan. '78 3
Spring Mountain Coal... 50	1,250,000	J. & D.	Dec. '78 3½
Topeka Equipment Co...100	255,000	A. & O.	Apl. '79 5
United States Express...100	7,000,000	F.M.A.N	Feb. '79 2
Wells-Fargo & Co. Exp.100	6,000,000	J. & J.	Jan. '79 4
West. Union Telegraph.100	35,968,575	quarterly	Mar. '79 1½

Redemption of Ten-Forty Bonds.

The Treasury Department issued on the 18th inst. the ninety-eighth call for the redemption of bonds. The call is for $160,000,000 ten-forty bonds of 1864, of which $46,775,000 are coupon bonds, and $113,225,000 are registered bonds. The principal and accrued interest will be paid at the Treasury on and after the 18th day of July, and the interest on said bonds will then cease. The following are descriptions of the bonds:

Coupon bonds—$50, No. 3,001 to No. 17,303; $100, No. 5,001 to No. 56,169; $500, No. 3,001 to No. 55,491; $1,000, No. 7,001 to No. 128,435, all inclusive. Total coupon, $46,775,000.

Registered bonds—$50, No. 201 to No. 1,450; $100, No. 1,001 to No. 11,100; $500, No. 1,001 to No. 7,100; $1,000, No. 3,001 to No. 29,300; $5,000, No. 1,601 to No. 10,300; $10,000, No. 1,501 to No. 24,700, all inclusive. Total registered, $113,225,000; aggregate, $160,000,000.

The Secretary of the Treasury issued on the 21st inst. the ninety-ninth call for the redemption of bonds. The call is for $23,566,300 of 10-40 bonds of 1864. The principal and interest will be paid at the Treasury on and after the 21st day of July next, and the interest will cease on that day. The following is a description of the bonds:

Registered Bonds.—$50, No. 1,451 to No. 1,578; $100, No. 11,101 to No. 11,732; $500, No. 7,101 to No. 7,492; $1,000, No. 29,301 to No. 20,618; $5,000, No. 10,301 to No. 10,853; $10,000, No. 24,701 to No. 27,570—all inclusive.

The bonds outstanding and represented by the above mentioned numbers constitute the residue of those issued under the act of March 3, 1864, 10-40 bonds.

The calls which have been made and which have not matured are as follows:

No.	Bonds.	Mature.	Amount.
84	1867s	April 24	$20,000,009
85	1867s	April 28	20,000,000
86	1867s	May 1	20,000,000
87	1867s	May 6	20,000,000
88	1867s	May 12	20,000,000
89	1867s	May 17	20,000,000
90	1867s	May 24	20,000,000
91	1867s	June 4	10,000,000
92	1867s	June 12	10,000,000
93	1867s	June 29	10,000,000
94	1867s	July 3	10,000 000
95	1867s	July 4	20,614,300
96	1868s	July 4	37 465,300
97	10 40s	July 9	10 000 000
98	10-40s	July 18	160,000,000
99	10-40s	July 21	24,566,300
	Total		$432,645,900

The total amount of the calls issued in this year was $542,645,900. The calls in previous years were $140,000,000 in 1871, $90,000,000 in 1873, $61,000,000 in 1874, $138,682,500 in 1875, $50,000,000 in 1876, $195,114,550 in 1877, and $105,996,100 in 1878, making an aggregate of $1,323,439,100. There are no bonds remaining subject to call before the year 1881, when $283,681,350 6 per cents will mature, of which $18,415,000 are payable on 1st January, and the remainder on 1st July. The new 5 per cents, amounting to $508,700,000, will be redeemable after 1st May, 1881. With the exception of these bonds there are none now outstanding and uncalled bearing a higher rate of interest than 4½ per cent.

The Treasury Department will now redeem called bonds embraced in the eighty-fourth and eighty-fifth calls, paying interest to the date of redemption, or it will redeem at once bonds included in said calls, with interest to the date of maturity, and apply the proceeds to the payment of any subscription for the 4 per cent Consols.

The following has been furnished by the Treasury Department:

"The explanation of the apparent difference between the London and New York quotations of bonds is that, in London, all American securities are quoted on an assumed value of the pound sterling of $5 instead of the actual value of $4 86.6 or, more definitely speaking, its commercial value determined by the rate of exchange. Thus, on Saturday in London, 4 per cent Consols were quoted at 103¼; in New York at 100⅞; but before comparing the prices between the two cities, New York prices should be increased in the ratio of $4 88½ to $5, the former being the exchange value of a pound sterling, the latter the assumed value on which the London quotation is based. Multiplying the New York quotation by five and dividing by 488½, there results 103¼, the London quotation, showing that in fact the bonds were of equal value in both cities.

Pre-emption of Railroad Lands.

The case of William H. Platt, appellant, vs. the Union Pacific Railroad Company et al., was decided in the U. S. Supreme Court on the 21st inst. The controversy in this case presents the question whether or not a settler who is duly qualified may, under section 3 of the act of July 1, 1862, enter upon and pre-empt lands granted in that act by Congress to the Union Pacific Railroad Company. The section of the act referred to provides that all lands granted therein "which shall not be sold or disposed of by said company within three years after the completion of the entire road shall be subject to settlement and pre-emption like other lands, at a price not exceeding $1 25 per acre, to be paid to said company." In resisting the attempt of the plaintiff in error to make settlement and pre emption under this section the railroad company maintain that its lands had been "otherwise disposed of" within the meaning of the act, by the mortgage which it gave upon them in 1867, and that they were not now liable to pre emption. Upon a reference of the case to the Interior Department in 1878 Secretary Schurz decided that the disposal contemplated by the act was an actual surrender of title; that the mortgage of 1867 was not such a surrender and that the lands were consequently subject to pre-emption. This Court holds, in an opinion delivered by Justice Strong, substantially as follows:

Congress is not to be presumed to have used words for no purpose. The phrase "or disposed of" must, therefore, have some distinctive meaning, some meaning beyond that of the word "sold." The obvious method of using the lands for the construction of the road was to hypothecate them as securities for a loan, and this, in the Court's opinion, was what was intended by the phrase "or disposed of," as distinguished from "sold." No mode of disposal except that by mortgage has been suggested which could furnish aid in building the road, and no other is conceivable. If this was the intention of Congress it is hard to believe that only a limited interest in the land was meant to be hypothecated. If the mortgage could only bind the land unsold until three years after the completion of the road it would have been a hypothecation for a term of years and, as to some of the land, for only three years. If this was the aid proffered by Congress it was a barren gift. Looking at the character of the lands and their remoteness from settlements it must have been evident enough that money could not have been raised on the credit of such a mortgage. Such an interpretation, therefore, defeats the manifest intention of Congress and cannot be accepted. It is urged, in opposition to the view which this Court takes of the words "sold or disposed of" that it is repugnant to the governmental policy of guarding against monopolies of public lands by large corporations or sing e individuals. But this policy was manifestly subordinate to the higher object of having the road constructed, and constructed with the aid of the land grant. No limitation was set to the quantity of land which the company might sell to single associations or single persons. It was allowed to sell or dispose of the grant at its pleasure. If, as this Court thinks, the primary policy of the act was to place the lands in the hands of the company to be used for the completion of the road as the work progressed, any secondary policy which the government may also have had in view ought not to be allowed to embarrass or defeat that which was primary.

Construing the last clause of the third section of the act in connection with all the other provisions made by Congress, endeavoring to give effect to every part, and regarding the spirit as well as the letter, this Court is constrained to hold that the mortgage of 1867 was a disposal of the lands mortgaged within the meaning of the statute, and that consequently the tract of land claimed by the complainant was not open to pre-emption when he undertook to pre-empt. He has therefore no equitable title to it. The decree of the lower Court is therefore affirmed, with costs.

Mr. Justice Bradley delivered a dissenting opinion, concurred in by Mr. Justice Clifford and Mr. Justice Miller.

Northern (Cal.) Railway.

S. S. Montague, Chief Engineer of the Central Pacific Railroad, and General Charles Cadwalader, Resident Engineer of the California and Oregon Railroad, left yesterday in the Engineer's car (Sacramento) for a trip over the Northern Railway as far as Willows station, the terminus of the road. At this point they will take teams and drive across the country to Red Bluff, for the purpose of locating the extension of the Northern Railway to connect with the California and Oregon road at that point or Tehama, as shall be deemed the most feasible. An engineer and party have been surveying the proposed route for about two weeks and have it now completed. When the extension has been built, passengers from San Francisco to points on the Northern Railway as far as Red Bluff will take a connecting train at Davisville, on the California Pacific road, and go directly through without coming to Sacramento.—*Record-Union, Apl.* 16.

☞ The State of Pennsylvania is about placing upon the market a new loan of $2,000,000, in 15 25 year bonds, for the redemption of maturing loans of the State. Proposals are invited either at 5 or 4½ per cent interest, no bid to be at less than par. The bids will be received at Harrisburg until 15th May next. The new bonds will date from 15th May, 1879, with interest payable 1st August and 1st February, and will be free from State, municipal and local taxes.

☞ The old Titusville and Petroleum Centre Railroad was sold on the 12th inst. by the Sheriff to J. D. Hancock, of the Pennsylvania Railroad Co., for $3,066. The track was never laid, but the grading and stonework alone cost $250,000, and the right of way is considered valuable.

☞ The Empire Gold Mining Company announces its eighth dividend, being eight cents on each $10 share for the month of March, payable on the 30th inst. Books close April 25 and reopen on May 1.

The Coal Trade.

The total tonnage of anthracite coal from all the regions for the week ending April 12th, as reported by the several carrying companies, amounted to 383 824 tons, against 284,322 tons in corresponding week last year, an increase of 99,502 tons. The total amount of anthracite mined for the year is 5,608,618 tons, against 3 279,425 for the same period last year, an increase of 2,328,193 tons. The quantity of bituminous coal sent to market for the week amounted to 71,787 tons, against 34,195 tons in corresponding week last year, an increase of 37,592 tons. The total amount of bituminous mined for the year is 799,190 tons, against 653,261 tons for corresponding period last year, an increase of 140,929 tons. The total tonnage of all kinds of coal for the week is 455,611 tons, against 318,517 tons in corresponding week last year, an increase of 137,094 tons, and the total tonnage for the coal year is 6,402,808 tons, against 3,932,686 tons to same date last year, an increase of 2,470,122 tons. The quantity of coal and coke carried over the Pennsylvania Railroad for the second week of April was 98,906 tons, of which 87,504 tons were coal, and 11,402 tons coke. The total tonnage for the year thus far has been 1,449,481 tons, of which 1,192,827 tons were coal and 356,644 tons coke. These figures embrace all the coal and coke carried over the road east and west. The shipments of bituminous coal from the mines of the Cumberland coal region for the week ending April 12th were 33,103 tons, and for the year to that date 305,368 tons, an increase of 61,243 tons as compared with the corresponding period of 1878. The shipments to the Baltimore and Ohio Railroad for the week were 16,827 tons, for the year 231,600 tons, an increase of 9,668 tons, as compared with 1878. The shipments to the Pennsylvania Railroad were, for the week, 3,000 tons, for the year 43,714 tons, an increase of 21,526 tons as compared with last year. The shipments by the Chesapeake and Ohio Canal for the week were 13,275 tons, and for the season 30,053. The Reading Railroad Company reports a coal shipment for the week ending on Saturday evening last of 172,000 tons, of which 61 000 tons were sent to Port Richmond, and 60,000 tons were shipped thence. The receipts at Perth Amboy for the week ending April 12 were 20,628 tons, and the shipments 26,078 tons, leaving a stock on hand of 148,593 tons.—*Phila. Ledger, Apl.* 21.

The Steel Rail Question.

The purchase of a large quantity of steel rails of English makers by Mr. Vanderbilt for use upon the New York Central Railroad has excited not a little surprise, not only in iron and steel manufacturing circles, but among railroad men. This purchase of rails of foreign manufacture, even at a rate somewhat higher than the ruling price for those of home manufacture, may be taken by our own manufacturers as a warning in two different directions. First, that the steel rails made in this country are not so good as they should be; and, second, that prices asked for them are, considering the ruling rates in England, too high, and may lead to a change in the duty imposed upon imported rails. The principal reason alleged for the purchase of these rails is that those purchased in England as far back as 1866 have withstood the wear of the heavy traffic of the Central road much better than those from our own makers; and that of a lot placed in the road during that year, the renewals down to the present time have been less than one per cent of their number yearly. Nine tenths of them are still in use. Upon the other hand, some rails of American make have required as high as 15 per cent of yearly renewals. Between the above percentage of renewals, or anything like them, there is quite a difference, and a difference of ten dollars per ton in the price of a first class steel rail, as compared with that of a poor one, does not count much, if the better article can be obtained. We fail to understand why, considering the advantages in this direction that we have been boasting of in this country lately, there should be so much difference in the prices. We have before us particulars of a contract made by the concern of which Vanderbilt made his purchase, by which they agree to deliver at their works 25,000 tons of steel rails at $21 25 per ton. Our own manufacturers are demanding and obtaining from $42 to $45 per ton. Then, again, in England iron and steel rails are quoted at about the same rate, or $22 25 per ton for iron rails in lots of 250 tons on board ship at Cardiff, while here steel rails are quoted at $7 or $8 per ton higher than iron rails.

The duty upon imported rails is now $28 per ton upon rails costing less than $25 per ton in England. A duty of more than 100 per cent is a very high tariff in these times, when the tendency is toward reasonable duties rather than toward highness. If the present steel rail makers who own and control the Bessemer patents in this country continue to charge exorbitant prices for their product, and a poor one at that, the railroad interests of the country will have a good case to present at Washington should they demand reduction of the present duty. The known proclivities of the party at present in power at Washington to change the tariff should warn the steel manufacturers not to drive the railroads, the most powerful interest in the county, to this course.

In view of the question Mr. Vanderbilt's purchase may be looked upon as admonishing our rail makers that if they will not make a good article recourse will be had to foreign markets notwithstanding the high tariff. What the manufacturers lose in this case will be gained by the Government, as the duty upon 12,000 tons of rails will bring into the Treasury over $300,000, a sum which appears to be a heavy tax upon an article now so necessary to give us cheap transportation.

We have heard complaints from some of our railroads that these steel rails were not wearing so well as they should. A reason for this result is probably to be found in the fact that poor ores are being used. We are informed that this was the case during a recent visit we happened to make at one of the largest steel works in the country. The matter should be taken into careful consideration, for with all our advantages in ores skilled mechanics and machinery the quotations of only $22 per ton in England and $45 here for steel rails shows too much of a difference to be long tolerated.—*Boston Journal.*

Northern Pacific Railroad.

The Northern Pacific Railroad Company have effected a loan of $2,000,000 to be expended in building the extension of the road from Bismarck to the Yellowstone river, a distance of 200 miles. The bonds are to bear six per cent interest, and are secured by a mortgage upon lands west of the Missouri river only. They are further protected by sinking funds and interest lien upon the entire road. The Pittsburg Chronicle, commenting upon the above, says:

The loan effected by the Northern Pacific Railroad of $2,000,000, to finish 200 miles west of the Missouri river, is of far more importance, every way we take it, than would appear at first sight. It is no exaggeration to say that it may mark the close of the era of crisis and panic which set in when Jay Cooke, the head of the Northern Pacific project, failed on September 17, 1873. More than two millions of dollars were invested in this enterprise in Pittsburgh, and for a long time it was supposed that all this money was lost. But the road, an important feeder to our far stretching river interests, had a large reserve force of vitality, and its friends have worked at the process of redemption from disaster for years with a good show of ultimate success. One remarkable feature about it is that there is no mortgage on the road east of Bismarck. Few railroads in the country hold that enviable position. The securities in existence are simply preferred and common stock, of which about thirty millions of each have been issued, covering the distance between Duluth and Bismarck, 450 miles. The preferred stock had the privilege of being retired, with lands, owned by the company. About seven millions of dollars have been so retired, at rates ranging from four to seven dollars per acre. The original programme contemplated the issue of fifty-one millions of preferred and forty-nine millions of common stock, with the view of giving the control of the road to the former. But from the rapidity with which the preferred stock is being converted into lands—the latter being admittedly of the very best quality for wheat-raising purposes, the common stock, which had the voting power since July, 1878, controls the road even now. The effect of this is that this stock, which was selling a year ago at $2 a share, is now selling at $10. There being no mortgage debt, there is no reason why the common stock should not go much higher. The development of the stretch of country in Minnesota and Dakota, through which the Northern Pacific runs, is simply marvelous. Most of the counties have doubled their population in the last eight years, several even exceeding this ratio. Otter Tail county now has near 15,000 inhabitants, and Stearns about 22,000. The average yield of agricultural products per acre is as follows: Wheat 15, oats 50, barley 45, rye 25, potatoes 180, and onions 350 bushels.

A gentleman thoroughly familiar with the affairs of the road says "this loan was proposed by the preferred stockholders, who had unlimited confidence in the success of the road. Each stockholder had the privilege of subscribing to the loan pro rata to the amount of stock held. The fact that the entire loan had been taken within the organization was convincing evidence of their confidence in the enterprise. One hundred miles of the extension from Bismarck was already under contract, and the other one hundred miles would be commenced without delay. The stockholders were determined to push the entire road to completion, and to reap the advantages which will be sure to follow."

Machinery and Mining.

The Phœnix Iron Company, of Phœnixville, Penn., within the last thirty days has shipped from that place to New York, for the Metropolitan Elevated railway, 5,000 tons of finished iron.

A meeting of the iron and steel manufacturers and ore producers of the United States is to be held in Pittsburg on the 6th day of May next.

The city of Petersburg, Va., has recently purchased, at a cost of about $2,500, a new steam-pump for use at the water works, which throws 1,250,000 gallons of water into the reservoirs every twelve hours.

The Philadelphia and Reading Railroad Co. are testing the utility of iron cross ties, instead of wood, near the depot at Phœnixville.

A Philadelphia company has just concluded the purchase of the Quinsemont and Eureka iron furnaces, near Staunton, Va.

The total yield of gold from all parts of the Province of British Columbia for the year ending December 31, 1878, amounted to $1,275,204.

Mining for gold has been commenced on Bear Creek, near Bloomington, Indiana.

The Landaff Gold Mining Co. have erected a large mill on the Ammonoosuc river in the northern part of the town of Bath, N. H., and put in costly machinery. The capacity of the mill, which went into operation on the 21st inst., is about ten tons of ore daily, the ore being taken from the old Dodge mine in Lisbon, which assays from $12 to $15 per ton. The company claims that it can mine, haul and crush complete for $4 a ton. They expect soon to double the capacity of the mill. The company is composed of St. Louis and Newburyport, Mass., parties.

The Railroads and the Telegraph.

A case of considerable importance to the public, to railway companies and to telegraph interests was recently before the District Court at Columbus, Ohio. Suit was brought by the Western Union Telegaaph Company, who claimed, under an agreement made in 1858, the exclusive right to perpetually operate a line of telegraph on the right of way of the Central Ohio Railroad Co. between Wheeling, W. Va., and Columbus, Ohio. The Central Ohio Railroad is now leased and operated by the Baltimore and Ohio Railroad Company, and the object of the suit of the Western Union Telegraph Company was to restra n the Atlantic and Pacific Telegraph Company from exercising similar telegraphic rights on the line of the Central Ohio Railroad, as well as to prevent the Baltimore and Ohio Railroad Company from transferring its own telegraph wires to the poles of the Atlantic and Pacific Telegraph Company under an agreement and operating the same in connection with that company. The case was previously argued before Judge Green, of the Court of Common Pleas, who then decided that the exclusive contract with the Western Union Company was void, as being against public policy. The Western Union Company appealed from the decision of Judge Green, and the case was recently fully and ably argued by eminent counsel on both sides before the District Court at Columbus, Ohio. It is understood that a majority of the District Court was in favor of dismissing the appeal, but on motion of the Western Union Telegraph Company the case was reserved for decision in the Supreme Court. This disposition of the matter leaves the Baltimore and Ohio Railroad Company free to continue the operation of its lines as now placed, and to control its telegraph interests on the line of its Central Ohio division. In the regular course of business before the Supreme Court it will probably be between two and three years before the case will be reached. Within the past two weeks the Baltimore and Ohio Railroad Company has completed the construction of a first class telegraph line of two wires between Baltimore and Washington. This, taken in connection with the result in the Ohio courts, facilitates the policy of that company for the use of its own system of telegraphs as a competitor with the Western Union Telegraph Company for the telegraphic business of the public.

Southern Nevada Mining Co.

The following letter from Mr. Donohue, respecting the Southern Nevada Mine, will be read with pleasure by its numerous stockholders in this city:

NEW YORK, April 22.—I have been asked so many questions since my return to New York about the Southern Nevada Mining Company and their mines that I ask the privilege of answering them through your paper. I first learned about these mines in the great strike in Santa Fe District, Esmeralda County, Nev., and said to contain rich smelting ores, like those of Eureka, assaying into the thousands and existing in very large bodies.

So much was said that I determined to find out all I could about the company and their mines, and I understood the stock had been placed in the New York market to secure the necessary working capital.

When I came up to Rena and Virginia City, I found the company was composed of the oldest and most reliable business men at these places.

James H. Kinkead, J. E. Jones, M. Lippman, Mark Strouse, A. Brisacher and others engaged in this enterprise command the respect and confidence of the entire business communtiy. John H. Kinkead, the present Governor of the State; General B. M. Clarke, L. P. F. Waller, C. C. Goodwin, editor of the Virginia *Enterprise*, and James A. Macreadie and many others spoke in the highest terms both of the men and their mines.

Men who had visited the mines and examined them, both as experts and with a view of purchase, pronounced them among the most promising in the State.

Some of the most reliable mining men of Virginia City, who had visited these mines and knew them well, the character of the ore and the formation in which it is found, stated that there was more clear money to be made from these mines, being already developed to a certainty, with a small amount of capital to erect suitable reduction works, than from any mines now offered in the markets.

I became satisfied of the value of the mines from all these facts and from a thorough examination of ores brought in from the mines while I was in the company's office and which I tested myself, finding them to be very rich in gold and silver. Some of the ore would assay over $1,000 to the ton, and the average working value would be considerably over $100. Men who would not be satisfied with these samples would require the clear bullion to convince them of a good mine. I must say, from all the information obtainable, I came to the conclusion that the property of the Southern Nevada Mining Company is one of the best mining properties in the country. And if the statements of Messrs. Lippman, Jones, Kinkead and others as to the Golden Fleece—a new property lately developed near Reno, which I visited and which proved much better than represented—are true with reference to the Southern Nevada, then certainly, in my judgment, New York capitalists cannot make a safer or more profitable investment or one that will ensure a quicker and larger return for money invested than in the Southern Nevada mine. With a careful and judicious management by the officers of the company they will be sure of success. Yours with respect,

B. DONOHUE.

DIVIDEND NO. 8.

NEW YORK, April 18, 1879.

The Directors of the EMPIRE GOLD MINING COMPANY have this day declared a DIVIDEND of EIGHT CENTS PER SHARE (par value $10), out of the net earnings for the month of March, payable at the office of the Treasurer, S. V. White, No. 8 Wall st., on the 30th day of April inst. The books to close April 25, and re-open May 1, 1879.

G. H. HANDFORTH, Secretary.

NOTICE. — THE NEW YORK ELEVATED RAILROAD COMPANY, TREASURER'S OFFICE, 7 BROADWAY, NEW YORK, April 2, 1879.—The Directors of this Company have this day declared a DIVIDEND OF FIVE (5) PER CENT. upon the Capital Stock of this company from the net earnings up to March 31, 1879, payable at the office of the Treasurer on and after the 1st day of May next to the shareholders of record on the 21st day of April, instant. The transfer books will be closed at three o'clock P. M. April 21st, instant, and opened on the morning of May 2d next. J. A. COWING, Treasurer.

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Advances made on approved collateral at market rates.

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Our office is next door to the N. Y. Stock Exchange, which admits of the execution of orders the instant they are received. The senior partner attends each session of the board, and gives this branch of business the advantage of his long experience and most watchful care. Our office is provided with four telegraph indicators for the use of customers, which record all transactions and quotations at the Exchange as soon as made, an important guide for buyers or sellers of Stocks, Bonds and Governments. Orders executed at the London and San Francisco Exchanges.

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ALEX. FROTHINGHAM & CO., BANKERS AND Stock Brokers, No. 13 Wall st., buy and sell stocks on the New York Stock Exchange and carry the same as long as desired on a deposit of three per cent. Careful attention given to orders for investment from $25 upwards in "Puts" and "Calls," which frequently pay from ten to twenty times the amount invested. Explanatory Circular and their Weekly Financial Report sent free on application.

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T. E. LONERGAN - - - - - - Correspondent

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The investigation of frauds on Railway Companies a specialty.

Philadelphia and Reading Railroad.

Comparative statement of gross receipts, tonnage and passengers, of the Philadelphia and Reading Railroad Company, for the month of March:

	1879.	
Gross receipts:	Month.	Year to date.
Railroad traffic.....	$889,569 39	$3,426,096 76
Canal traffic.....	75,864 03	84,864 83
Steam colliers.....	69,647 80	226,496 83
Richmond coal barges	6,061 26	20,420 40
Total Railroad Co..	$1,041,141 98	$3,757,878 82
Reading Coal & Iron Company.....	753,178 97	2,311,271 02
Total of all.....	$1,794,320 95	$6,069,149 84
Tonnage and passengers:		
Tons of coal on railroad.	600,493 15	1,944,362 06
Tons of merchandise...	301,702 02	1,024,080 06
Passengers carried....	510,762	1,937,880
Coal transported by steam colliers.....	56,236 00	178,586 00
Tons of coal mined:		
By Coal and Iron Co...	323,378 10	1,005,614 15
By tenants.....	97,691 02	326,445 04
Total mined from lands owned and controlled by Co. & from leasehold estates.....	421,069 12	1,332,059 19

	1878.	
Gross receipts:	Month.	Year to date.
Railroad traffic.....	$658,991 21	$2,958,432 85
Canal traffic.....	2,087 12	19,794 76
Steam colliers.....	27,906 26	196,273 21
Richmond coal barges	6,349 80	24,227 66
Total Railroad Co..	$695,334 39	$3,198,728 48
Reading Coal and Iron Co.....	312,177 54	1,791,240 89
Total of all....	$1,007,511 93	$4,989,969 37
Tonnage and passengers:		
Tons of coal on railroad.	229,260 00	1,281,772 15
Tons of merchandise...	284,838 14	999,623 02
Passengers carried....	480,114	1,942,797
Coal transported by steam colliers.....	30,275 00	171,893 00
Tons of coal mined:		
By Coal and Iron Co..	89,324 06	613,769 13
By tenants.....	42,195 07	115,328 14
Total mined from lands owned and controlled by Co. and from leasehold estates.....	131,519 13	829,098 07

Mining.

PLUMAS NATIONAL QUARTZ—Major Rogers the Managing Director in New York has received advices from the mine to the effect that warm weather has set in and work all along the line is being vigorously pushed. The quartz in the shaft continues as good as ever and no dead work is necessary in this section of the mine. The lower tunnel will soon reach the vein of paying ore. When stoping begins in this section the output will largely exceed the capacity of the mill to work it up.

The annual meeting of the shareholders will be held on May 7th. We learn that it is the unanimous decree of the shareholders that the present management should be continued. This is a well merited compliment to the gentlemen in charge who have labored not only vigorously but successfully, to make the Plumas National one of the best regular dividend paying mines that has secured the support of Eastern capitalists.

BODIE CHIEF MINE—We learn that this property is about to be placed on the New York market at a low price for a small portion of its stock capital. The property lies in the centre of the celebrated Bodie mining district surrounded by the Bechtel, Bulwer, Bodie and Standard mines all of which have made startling exhibits of metallic wealth. The Bodie Chief though only partially developed, shows unmistakable evidence of being on the same rich cluster of veins which have been so profitably worked on the properties named. The probability of the Bodie Chief proving to be as great a bonanza as its neighbors will probably be a strong attraction to speculative investors. The Standard Shares now quoted at 28 were issued at one dollar per share as also the Bodie Shares, which have been as high as 50.

SOUTHERN NEVADA MINING CO.—Mr. Bean, the agent of the company here, has received advices from the mine, under date of April 12, to the effect that a four foot vein of rich ore has been met by the level being run from shaft No. 3. In shaft No. 1 the ledge is nearly 9 feet wide and is of green ore, the best in the mine. The writer of the report adds: I have worked in mines for 15 years steady and never saw a better. There is at least $500,000 of ore that can be taken out in three months." A letter in another column from Mr. B. Donohue, a well known mining expert of this city, respecting this mine, will be read with interest.

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STATEMENT,
VERIFIED BY THE INSURANCE DEPARTMENT.

NEW YORK, March 21, 1879.

CASH CAPITAL	$200,000 00
Reinsurance and other Liabilities	66,145 83
Net Surplus	130,330 48
CASH ASSETS	$396,476 31

GEORGE ALGER, President.
HENRY B. MEAD, Vice-President.
ROBERT M. G. DODGE, Secretary.

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HENRY A. SPAFARD, Manager.

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THEO. SUTRO,
Attorney and Counsellor at Law,
(Rooms 42 and 43.)
320 Broadway, NEW YORK.
☞ Mining Patents, Cases and Contests. ☜

REFERENCES:
Hon. J. A. Williamson, Commissioner General Land Office, Washington, D. C.
Hon. Samuel Shellabarger, Counsellor, etc., Washington, D. C.
Lazard Freres, Bankers, 65 Pine Street, New York.
Sutro Tunnel Company, San Francisco, California.

TO MINE OWNERS.

The New York Stock Exchange has at last opened its doors to the mining interest of our country, and now allows its members to deal in mining shares. Parties who have first class mining properties, and wish to organize companies, under the laws of the State of New York, which are liberal, and find a market, would do well to communicate with

WILLIAM EUCLID YOUNG,
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ITS DURABILITY
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Kerite is not affected by extremes of heat and cold, or by exposure to the heat or sun; endures long continued heat below 200° Fahrenheit, may be safely immersed in boiling water, is unchanged by being placed in the ground; corrosive elements in the earth do not act upon it; acids act very slowly, only to oxidise the surface; bears exposure to not strong solution of alkalies; does not suffer by injury by destructive insects of land or water, and can be stored in tropical climes without change of insulation.

PROF. MOSES G. FARMER, says: "I have used your Kerite as leading wire, more or less for four or five years. It stands abuse, changes of temperature, alternate wetting and drying better than any insulator I have tried."

EMINENT ELECTRICIANS AND PRACTICAL TELEGRAPHISTS
commend and recognize the Kerite insulation as superior to all others.

GEORGE B. PRESCOTT, Esq., Electrician of the Western Union Telegraph Company, under date of September 25, 1874. says: "In September, 1869, we placed some of your Kerite wire, unprotected by any covering whatever, in the tunnel under the river in Chicago, and have since continued its use in that exposed situation with the most gratifying results. A portion of the tunnel is very wet, and water saturated with lime constantly drips upon the wires, while in other portions they are kept alternately wet and dry. which is well known to be one of the severest tests that any insulating material of an organic nature can be subjected to; and yet after five years' exposure under the above conditions, the Kerite covering shows no signs of decay or deterioration. An insulating covering of India-rubber or gutta-percha under a like exposure, would have been destroyed in much less time."

February 1, 1877, he writes further: "This piece of Kerite wire unprotected by any covering, was in use in the tunnel under the river in Chicago, from September, 1869. until December, 1876, and shows no signs of decay or deterioration in its insulating qualities."

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